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The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

NOVEMBER 19 1955

Progress and Confidence

WE, who will shortly be 225 years 'young,' not unaware nor careless of the future, look forward, as another year approaches, with renewed confidence to the privilege of adding new friends to our present loyal and faithful ones.

Let reliability with mutability be the watchwords of our constant evolution.

"Knowledge comes, but Wisdom lingers"
(*Tennyson*)

TRADE B&B Co. MARK
RED DIAMOND BRAND

You can rely on

BURGOYNE BURBIDGES
Established 1741. & COMPANY LIMITED, LONDON. E.6

Wherever you are

Whatever your needs

you need

Sangers Service

Sangers' warehouses contain the most comprehensive stocks in the country. Send your orders, whether they be small or large, for Ethicals, Pharmaceuticals, Proprietaries, Galenicals and Chemist Sundries, to our address which is nearest to you. Take advantage of the Sangers Service.

Sangers
LIMITED

258 EUSTON RD. · LONDON · N.W.1 · *'Phone:* EUSton 5010

NEWCASTLE · 46-50 ELSWICK RD. · *'Phone:* Newcastle 34221

BRISTOL · 45 WILDER STREET · *'Phone:* Bristol 24551

At last!

VITAMINS and IRON in one easy-to-take tablet thanks to EXTRA-VITE!

It's New! It's Different!

A CF PRODUCT

Divided dosages provide double absorption

IMPROVED manufacturing technique and a scientifically balanced formula make each EXTRA-VITE tablet a complete vitamin-tonic therapy in itself. Every Tablet contains seven essential vitamins **plus** caffeine alkaloid and ferrous gluconate, the non-toxic iron preparation that is easily tolerated by the stomach. Because EXTRA-VITE provides the normal adult requirement in the form of one tablet taken twice daily in divided dosage, which the body can more efficiently absorb, there is consequently far less wastage of vitamins, and fullest benefit is derived. Also, smaller dosages being more convenient for children, EXTRA-VITE is undoubtedly the ideal family preparation in every way, and is sure of a considerable and steady demand. Order now for special bonus terms.

Well backed by national advertising. Cash in by displaying **EXTRA-VITE** on your counter

GENEROUS TERMS

Bonus of 12 bottles charged as 11

One dozen on bonus terms means 2/0½ gross profit per sale. By ordering on 'All-in' discount terms, margins can be increased still further by 3¾%—7½%.

EXTRA-VITE sells to the public at 5/3 (15 days' supply)
Trade Price: 42/- per dozen (No Purchase Tax)

SOLE DISTRIBUTORS:

WALTER CROWE LTD., 3/4 LITTLE RUSSELL ST., LONDON, W.C.1

Telephone: CHAncery 7051/2

A

Now that a soluble form of aspirin is preferred...

AS YOU KNOW, aspirin in soluble form is now very frequently prescribed in preference to ordinary aspirin. Solprin provides a stable, high quality aspirin in soluble form.

Solprin dissolves rapidly in water to form a solution of calcium aspirin that is substantially neutral. It has proved rapid and reliable in its analgesic effect, and is far less likely to provoke the gastric irritation sometimes caused by insoluble forms of aspirin. Solprin is not advertised to the public and is available only on prescription.

The outstanding quality of Solprin is being continually made known to doctors and they are being invited to sample it.

SOLPRIN REGD.

Aspirin in soluble, stable form

Available in 500 tablet packs

Solprin is packed in units of 10 tablets (in foil), 50 units to the pack. The N.H.S. basic price for this pack is 12/6. It is available only on prescription and only in Gt. Britain and Northern Ireland.

RECKITT & COLMAN LTD., HULL & LONDON (PHARMACEUTICAL DEPT., HULL)

After Shave Lotion 16/9 · Talcum Powder 8/6 · Tonic Hair Groom 16/9 · Eau De Cologne 21/- · Shaving Cream Bowl 11/6 · Tonic Hair Shampoo 8/6

A dramatic success in America—and catching on fast over here!

PRINCE GOURIELLI

TOILET PREPARATIONS FOR MEN

The success of these new preparations in the States has been phenomenal, and has opened the eyes of distributors over here to an entirely new market of almost limitless scope.

Already, the Prince Gourielli range has proved itself a ready seller in Britain; it is an ideal Christmas promotion for high-class chemists—as our Agents discovered to their profit and pleasure last season. All these Agents have placed bigger orders this year, to meet the keen demand they know is coming.

Distinctively masculine—with a clear, fresh open-air tang about them—Prince Gourielli Toilet Preparations for men will make an instant appeal to your customers, too. And *now* is the time to apply for an Agency—before the Christmas buying starts. There is strong advertising support in all the influential magazines like "Punch", "Esquire", "Tatler"—and display material of a most distinguished and effective kind is included in the basic order. Agency appointment is on a selective basis, so apply early and move in on this hungry new market.

NEW! for Christmas 1955

Prince Gourielli

DUAL PRESENTATION SETS

These will sell on sight. One contains Hair Groom and After Shave Lotion (36/-) . . . the other Hair Groom and Men's Eau de Cologne (40/6). All thoroughbreds in Gourielli cocktail-shaker flasks resting in finely designed presentation cases.

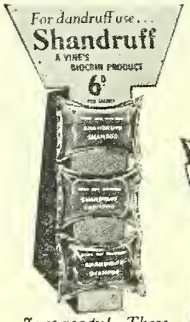
PRINCE GOURIELLI EXCLUSIVE TOILET PREPARATIONS FOR MEN

SOLE PROPRIETORS & DISTRIBUTORS: HELENA RUBINSTEIN, 3 GRAFTON STREET, LONDON, W.1 ·

The Shampoo millions need

Yes, Shandruff is a BIG seller. WHY?

- ★ *Highly medicated formula.*
- ★ *Irresistibly attractive sachets.*
- ★ *Retail Price 6d. only.*



Just ready! These neat little counter display cards to aid your sales.

STOCK Shandruff THE ENEMY OF DANDRUFF

Price 42/- per gross sachets

From your usual wholesaler or

VINES BIOCRIN LIMITED
222-224 HARROW ROAD, LONDON, W.2
Telephone: CUNningham 1172-3

Protection against colds . . .

ESOBACTULIN

ORAL VACCINE CAPSULES

6 capsules taken over 5 days gives most people 3 months protection from colds

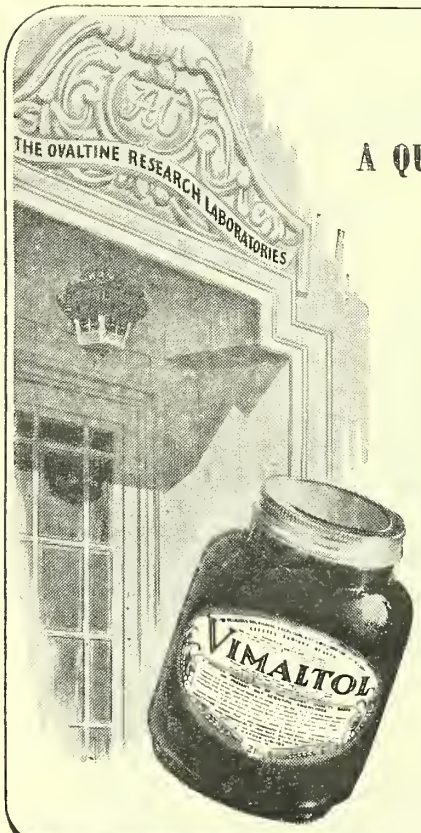
Retail price 7/10½d. (complete course) inc. P. Tax

STOCK NOW TO MEET THE DEMAND

Order from your usual Wholesaler

33⅓% DISCOUNT plus Bonus 13 to the dozen

SOUTHON LABORATORIES LIMITED · LONDON · S.W.15.



VIMALTOL

A QUALITY PRODUCT OF MODERN NUTRITIONAL SCIENCE

'VIMALTOL' is a concentrated vitamin food, formulated by and prepared under the control of the 'Ovaltine' Research Laboratories—which are actively investigating problems in nutrition and dietetics. They bring to its manufacture a high degree of scientific knowledge and a meticulous standard of hygiene.

'Vimaltol' contains malt extract, yeast, halibut liver oil, vitamins and iron. Every ingredient used is rigidly tested for purity and quality, the final product being accurately standardized for vitamin content.

'Vimaltol' provides valuable nutrients of undoubted assistance to infants, fast-growing children, nursing mothers and to those whose diet is inadequate or unbalanced. It helps to build up strength, weight and the natural powers of resistance. 'Vimaltol' is highly palatable—a decided advantage when recommending it for children.

Standardized to contain in each oz.—Vitamin A, 1420 i.u.; Vitamin D, 710 i.u.; Vitamin B_1, 0·35 mg.; Vitamin B_2 (Riboflavin), 0·2 mg.; Niacin (P.P. Vitamin), 2·8 mg.; Iron, 3·3 mg. in a readily assimilable form.

On the P.A.T.A.

Trade Prices: 1 lb. jars **30/6** per doz.; 2 lb. jars **54/-** per doz.
(Exempt from Purchase Tax)

Retail Prices: 1 lb. jars **3/6**; 2 lb. jars **6/3**

For further details write to:
A. WANDER LTD.,
42 Upper Grosvenor Street,
Grosvenor Square, London W.1.

A Product of the 'Ovaltine' Research Laboratories

T.21

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GREENFORD, MIDDLESEX, ENGLAND
BYRon 3434

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They always come back for more

Advertising, and word of mouth recommendation, bring the customers in—but it's the results that bring them back.

Dr. Page-Barker's Scurf and Dandruff Lotion and D.43 Shampoo have the reputation that ensures repeated sales—a reputation for unfailing reliability in keeping the scalp clean and free from dandruff. Make sure that *you* have a share in the prestige and profits that come from stocking these ever-popular lines.

A Page Barker showcard will catch the customer's eye and remind him of his need. Available on request.

THOS. CHRISTY & CO. LTD.,
North Lane, Aldershot,
Hants.

A new prescription is coming your way

PRELUDIN*

brand of 2 - phenyl - 3 - methyl - tetrahydro - 1, 4 - oxazine - hydrochloride

the Appetite Controlling Agent that Reduces the Risk of Reducing — even in Cardiovascular Disorders.

From 1st November powerful advertising with full pages in the Medical Press, supported by a heavy mailing campaign, will introduce PRELUDIN to the medical profession.

PRELUDIN with its outstanding features is destined to become the prescription of choice in all cases of obesity.

Prescriptions for PRELUDIN will soon be handed over your counter.

The medical profession will prescribe PRELUDIN *because:*

- PRELUDIN is *safe, swift* and *sure* for *all* patients — even for those with cardiovascular disorders and hypertension.
- PRELUDIN acts quickly and effectively, and without risk, by *curbing the patient's appetite and breaking the psychogenic overeating habit.*
- PRELUDIN enables the patient to lose weight safely and without mental strain by *strengthening adherence to a prescribed diet.*
- PRELUDIN, unlike dexamphetamine, *does not raise the blood pressure,* does *not affect the heart,* and does *not create excessive mental stimulation.*

Be sure that you *are ready to dispense this new prescription. Supplies are available from your usual wholesaler.*

INGELHEIM

PRELUDIN — THE SAFE PRESCRIPTION FOR OBESITY

Manufactured and distributed in England by Pfizer Ltd. for C. H. Boehringer Sohn, Ingelheim am Rhein, Registered proprietors of the trade mark.

* *Regd. Trade Mark*

COX

for counter sales that keep custom

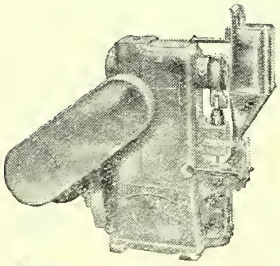
Available in 9 attractive packaging styles including Chemist's 'Own Brand' series.

ARTHUR H. COX & CO. LTD.
Manufacturing Chemists since 1839
BRIGHTON

MANESTY

TWO POPULAR TABLET MACHINES

For Small Scale Production

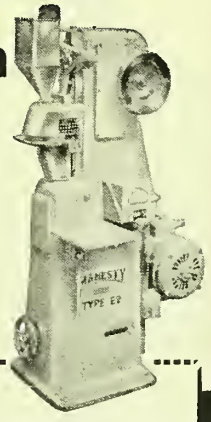


The Manesty SP1 Tablet machine is a bench model with self contained motor drive and built-in push button starter. Of rigid construction, fully guarded and with a worm drive (in oil bath) it presents the last word in bench tablet machines. Mainshaft and wormshaft on ball bearings.

SPECIFICATION
Max. diam. of tablet ... ½"
Max. depth of fill ..... $\frac{9}{16}$"
Output per minute 65
Horsepower ..... ¼
Bench space ... 1' 3" x 2' 5"

The Manesty E2 Tablet machine is a precision built single stroke machine for continuous production with totally enclosed worm drive running in oil bath. Upper and lower punches fully guarded. Stainless steel hopper. A unique feature of this machine is the optional overload release.

Variable speed drive can be supplied.



SPECIFICATION
Max. diam. of tablet ... ½"
Max. depth of fill ..... $\frac{9}{16}$"
Output per minute 85
Horsepower 1
Floor space ..... 35" x 24"

PROMPT DELIVERIES

MANESTY MACHINES LIMITED

5 EVANS ROAD · SPEKE · LIVERPOOL 19

Telephone: HUNTS CROSS 1972 · Telegrams: MANESTY, LIVERPOOL, 19

TABLET MACHINES · AUTOMATIC WATER STILLS · PUNCHES AND DIES · MIXERS · GRANULATORS

THE FUL-VUE PRESENTATION SET

Sparkling Snaps

Summer or Winter — Indoors or Out

This Presentation Set is the key to all those snaps you have wanted to take so many times. In your home or outdoors it is simplicity itself to attach the Capacitor Flash Unit, press the shutter release and the wonderful little camera will do the rest. The smart Ever-Ready case adds the final touch to a gift that anyone will be proud to give or own.

The attractive attache style case with three labels covering all gift occasions costs you nothing. The price is merely that of the contents £4.16.3
(Inc. tax)

Autumn 1955 Budget: Add 4/6d.

More Sales! Anytime Anyone

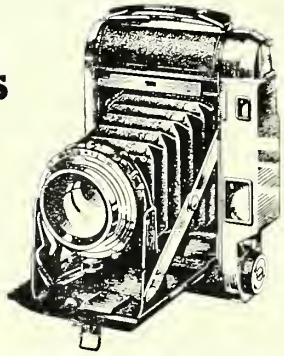
No Extra Cost

ROSS ENSIGN

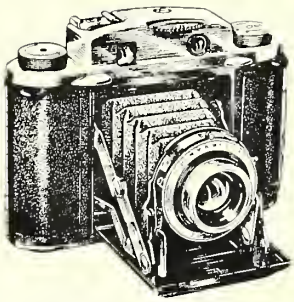
OTHER PRECISION CAMERAS

by

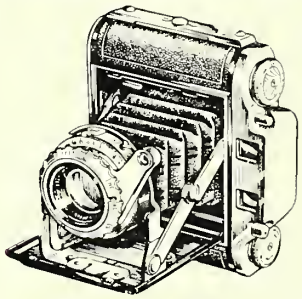
ROSS ENSIGN



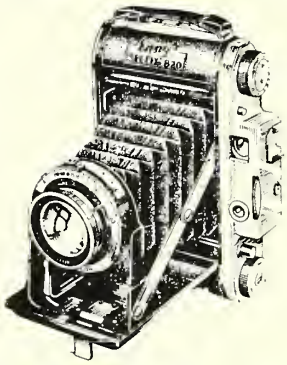
Autorange 8-20 **£50 . 7 . 0** (inc. tax)



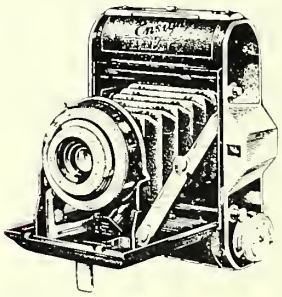
Selfix 12-20 Special **£28 . 9 . 9** (inc. tax)



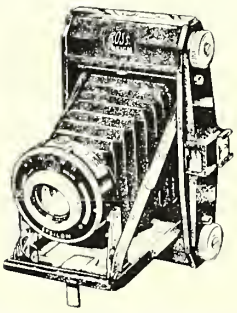
Autorange 16-20 **£39 . 15 . 0** (inc. tax)



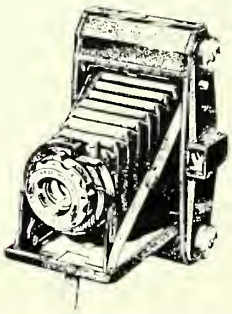
Selfix 8-20 Special **£28 . 9 . 9** (inc. tax)



Selfix 16-20 Model IV **£16 . 8 . 0** (inc. tax)



Clubman **£12 . 8 . 6** (inc. tax)



Snapper **£4 . 19 . 5** (inc. tax)

AUTUMN 1955 BUDGET : Please add the following prices to those shewn :—

Autorange 8-20 :	£2 . 9 . 5	12-20 Special :	£1 . 7 . 11	Autorange 16-20 :	£1 . 19 . 0
8-20 Special :	£1 . 7 . 11	16-20 Model IV :	16 . 0	Clubman :	12 . 2
		Snapper :	4 . 10		

You know from experience how very successful a half-page advertisement in this mass-circulation paper can be. Here comes one for the 'Philishave'! This "Daily Express" half-page (eleven million people will be able to see it) joins the massive advertising campaign on November 23, alongside press publicity of nationwide coverage, posters, radio and television advertising. It's part of the biggest ever Christmas sales drive for the 'Philishave'!

STOCK-UP AND DISPLAY

The dry shaver with Rotary Action

PHILIPS PHILISHAVE

THE DRY SHAVER WITH THE BIGGEST WORLD SALE

A PRODUCT OF PHILIPS ELECTRICAL LIMITED

(PS620B)

B

Big Christmas Campaign

IN COLOUR

for HALEX Hairbrushes

This Christmas there will again be powerful advertising support to help you sell Halex Hairbrushes. For you, business will be brisk—thousands will be saying 'Happy Christmas' with Halex! The eye-catching colour advertisement on the opposite page will appear in November and December in . . .

ILLUSTRATED JOHN BULL PICTUREGOER

WOMAN WOMAN'S OWN WOMAN'S ILLUSTRATED

PICTURE POST

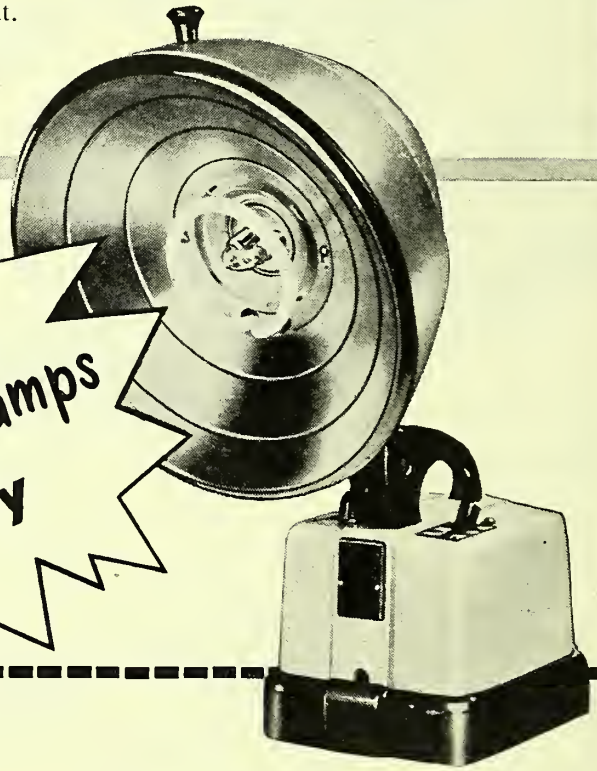
An added selling point: each Christmas pack comes with its own gay Christmas greeting card! Be sure you're well stocked to meet the demand. FULL DETAILS FROM YOUR USUAL SUPPLIER.

HALEX *(a Division of the British Xylonite Co. Ltd.,)* HIGHAMS PARK, LONDON, E.4.

Caress
FOR CHRISTMAS
heart
o get.
ifully styled mirror,
is super CARESS Set comes in delicately
for those who are feeling 'rich',
ies brush. Cost 32/6d.
Say happy Christmas with
Halex
e HALEX gifts . . .
Caress FOR CHRISTMAS
Here's a gay, gleaming gift that will set her pretty little heart all a flutter. A pleasure to give. Simply wonderful to get. The lovely Halex CARESS 3 piece set includes a beautifully styled mirror, a comb and a hairbrush with 'rondated' nylon tufts. This super CARESS Set comes in delicately feminine shades of pink, blue and green. Cost 21/-. And for those who are feeling 'rich', there's a four piece set which includes a matching clothes brush. Cost 32/6d.
Who wouldn't be happy with these HALEX gifts . . .
HALEX MEN'S COMBING BRUSH
Here's a hairbrush he'll appreciate! It has poly-thene quills which brush and comb the hair at the same time and massage the scalp as well. A hand-some hairbrush handsomely gift-packed. Available in ivory-white. It costs 12/6d.
HALEX CARESS BRUSH AND COMB
You can also get the 'Caress' brush and comb individually packed in a transparent gift box. In the same attractive colours as the 3 piece set. A gift at 8/11d.
HALEX MILITARY BRUSH SET
Here's a manly gift for your favourite man. This handsome set includes two smart military styles, shell-patterned brushes, a good strong comb and a beautiful quality leather case. Only 51/6d. Lucky fellow!
HALEX CRESTA HAIRBRUSH
The 'mannequin of the moment' will fall for this sparkling Dunlon Hairbrush. It has 'rondated' nylon tufts for deeper brushing and comes individually packed in a handsome presentation box. In pink, blue or green—12/6d.
HALEX MILITARY BRUSH
He'll be happy with this handsome hairbrush! It has 'rondated' nylon tufts. You can buy it for 12/6d — tortoiseshell-patterned or imitation grained-ivory, beautifully packed in a presentation box.
HALEX COMBING BRUSH
What a wonderful idea for a gift? A complete hair beauty treatment — brushes and combs your hair at the same time. Takes out the tangles without tugging — massages the scalp as you brush. Made in pastel pearl colours of pink, blue and green. Individually gift-packed. It costs 12/6d.
Say happy Christmas with
Halex
HALEX MEN'S COMBING BRUSH
Here's a hairbrush he'll appreciate! It has poly-thene quills which brush and comb the hair at the same time and massage the scalp as well. A hand-some hairbrush handsomely gift-packed. Available in ivory-white. It costs 12/6d.
HALEX CARESS BRUSH AND COMB
You can also get the 'Caress' brush and comb individually packed in a transparent gift box. In the same attractive colours as the 3 piece set. A gift at 8/11d.
LEX MILITARY BRUSH
ppy with this handsome hairbrush! It d nylon tufts. You can buy it for 12/6d. hell-patterned or imitation grained-ifully packed in a presentation box.
HALEX COMBING BRUSH
What a wonderful idea for a gift? A complete hair beauty treatment — brushes and combs your hair at the same time. Takes out the tangles without tugging — massages the scalp as you brush. Made in pastel pearl colours of pink, blue and green. Individually gift-packed. It costs 12/6d.

Because they can't afford to be ill...

thousands of people will be buying Hanovia prescription lamps this Winter. Hanovia lamps are widely used in hospitals and recommended by doctors. They are sold free of purchase tax on medical certificate and are made by the world's leading specialists in ultra-violet ray equipment.



Sales of HANOVIA Sun-lamps are backed by

★ National Press Advertising

★ Weekly Radio Luxembourg Programmes

★ Good Dealer Service *including sales aids and window displays.*

★ Generous Dealer Discounts

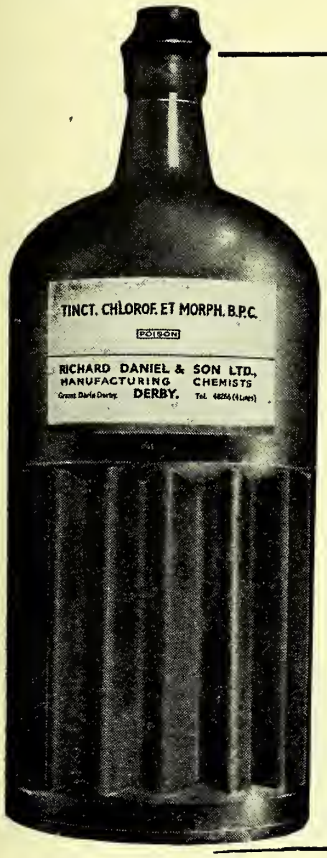
ORDER YOUR STOCKS NOW

Write to:

Hanovia SLOUGH · BUCKS

Specialists in ultra-violet ray equipment for all applications.

TGA P75

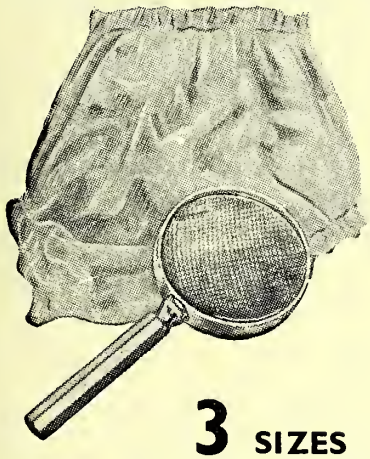


GALENICALS for WINTER DISPENSING

Manufactured under strict supervision from finest quality ingredients.

RICHARD DANIEL & SON LTD.
MANUFACTURING CHEMISTS
MANSFIELD ROAD DERBY. TEL.: 48266 (4 lines)
And at GROSVENOR ST., ASHTON-u-LYNE. Tel.: 2816 (3 lines)

ERICA .. *now introduce* BABY PANTS that B·R·E·A·T·H·E



Representing Hygiene's newest development, the plastic material now used incorporates thousands of well-nigh invisible "pores" permitting the passage of air which in turn promotes a cooling action yet at the same time retaining moisture.

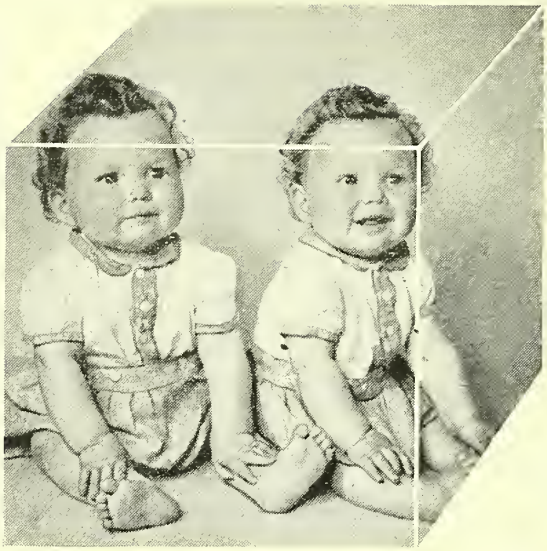
★ ACID-RESISTANT! ★ NON-TOXIC!
★ WATERPROOF & BOILABLE!
★ A GUARANTEE AGAINST NAPPY RASH!

3 SIZES
Medium, Large, Extra Large

WISE MOTHERS INSIST ON ERICA!

Obtainable from your usual wholesaler

ERICA PRODUCTS LTD., 147-149 KENSAL ROAD, LONDON, W.10
Tel: Maida Vale 2931



The chubby Long twins of Rectory Farm Cottage, Worton, nr. Oxford, were weaned on Bovril Brand Weaning Food

Babies like these are increasing your sales

BABIES who have Bovril Brand Weaning Food once, want it again. Doctors and clinics recommend it too. No wonder there's a steady increase in sales of this wonderful new Weaning Food. Its makers are constantly receiving enthusiastic letters from mothers who are using it.

More reasons why the demand grows for Bovril Brand Weaning Food

- *A purée for Baby can be made in one minute*
- *It is bland, nourishing and easily digested*
- *There's no possibility of food-infection*
- *It is backed by large scale, large space national advertising*

Four varieties

MIXED VEGETABLE · SPRING CABBAGE
CARROT · TOMATO

For full particulars of trade terms please write to :
BOVRIL LIMITED, OLD STREET, LONDON, E.C.1.

GAUNTLET

registered

The *NEW* all-purpose BARRIER CREAM for wet and dry use

GAUNTLET is an economical, all-purpose Barrier Cream equally effective against WET or DRY skin irritants. Neither sticky nor greasy, it is completely harmless and non-irritant. GAUNTLET forms an IMPERMEABLE MEMBRANE which, nevertheless, permits normal perspiration. Available in attractive display outers.

20/- DOZ + 30 % P.T. RETAIL **3/-**
(FULL MARGIN)

a **DONALD WARREN** LTD. *product*

SOLE DISTRIBUTORS TO CHEMISTS
S. Maw Son and Sons Limited
Barnet *England*

Maw's

Introducing . . .

3 NEW ANTIBIOTIC PREPARATIONS

by

Wyeth

'PENIDURAL'* ORAL DROPS

for easy and effective penicillin treatment of infants.

10 c.c. bottles 6/- each

'PENIDURAL-SULPHAS'*

especially valuable for prompt treatment of mixed infections.

Prices to Retail Chemists

Suspension	50 c.c.	8.3 each
Tablets	20's	13.6 each
Tablets	250's	£7.0.0 each

'STREPTETS'*

triple antibiotic troches for local treatment of mouth and throat infections.

Troches 20's 5/- each

Your local doctors are being informed now by our advertising and by our representatives. Make sure you have supplies, not only to meet initial requests but also the demands that will quickly arise for these new specialities.

JOHN WYETH & BROTHER LIMITED

Clifton House, Euston Road, London, N.W.1

*TRADE MARKS

The treatment for Dandruff and Seborrhoeic Dermatitis..

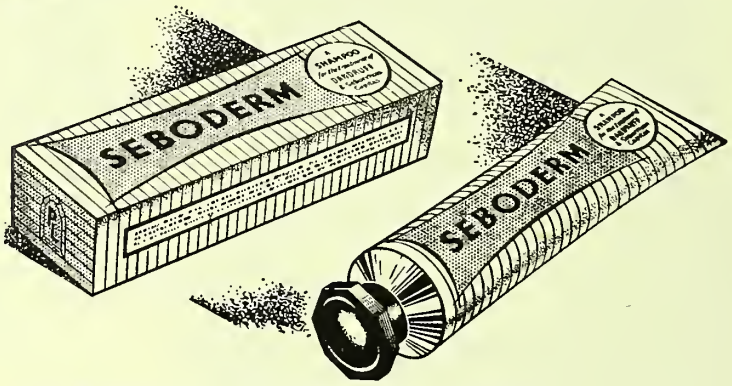
SEBODERM

CETRIMIDE CREAM SHAMPOO

★ Prepared specifically for care of the scalp and hair.

★ Most effective in treatment of simple Dandruff and Seborrhoeic Dermatitis.

★ The Shampoo is pleasant to use.



SEBODERM in ¾-oz. tubes, Retail Price 2s. 4d. each inc. P. Tax.

To PHARMACISTS—33⅓ per cent. PLUS bonus 1 free tube per dozen.

PRIORY LABORATORIES LTD., Pyramid Works, West Drayton, Middlesex

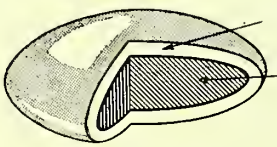
PL TRADE MARK

NEW DEVELOPMENT IN ANTICHOLINERGIC THERAPY

Antrenyl 'Duplex'

A SINGLE tablet with TWO PHASES of activity

DIAGRAMMATIC REPRESENTATION



duplex **Two tablets daily provide four spaced doses for the relief of gastro-intestinal pain, particularly nocturnal pain in peptic ulcer** duplex

10 mg. Antrenyl 'Duplex' tablets in bottles of 25 (9/-), 100 (33/6) and 500 (164/-)

The original 5 mg. plain Antrenyl tablets are still available.

Antrenyl Syrup now available *Bottles of 100 c.cm. (8/-)*

Subject to the usual discounts Exempt Purchase Tax

CIBA

**'Antrenyl' is 2-diethylaminoethyl-α-cyclohexyl-α-phenylglycollate methobromide.*

**Registered Trade Mark Reg. user:* CIBA LABORATORIES LIMITED, HORSHAM, SUSSEX *Tel: Horsham 1234 Grams: Cibalabs, Horsham*

2/5

and Now...

Piriton

TRADE MARK

EXPECTORANT LINCTUS

Containing Piriton

MALEATE

(Chlorpropheniramine maleate)

A FURTHER ADVANCE IN ANTIHISTAMINIC THERAPY

HIGH POTENCY
LOW DOSAGE
NOTABLY FREE FROM SIDE EFFECTS
HIGH ORDER OF SAFETY
CAN BE GIVEN TO CHILDREN

PRESENTATION — FOR DISPENSING — 2 LITRE BOTTLE
Trade Price **30/-** each, plus **9/-** Purchase Tax
And in bottles of 4 fluid ounces, **RETAIL PRICE 3/11** including P.T.

ALLEN & HANBURYS LTD LONDON E2

M&B for

AMPHETAMINES

HERE IS OUR RANGE OF AMPHETAMINES—JUST ONE OF THE MANY GROUPS OF PHARMACEUTICAL CHEMICALS BACKED BY ALL THE RESOURCES OF A FIRM WHOSE NAME IS KNOWN THE WORLD OVER AS A SYMBOL OF QUALITY AND RELIABILITY IN FINE CHEMICALS.

SUPPLIES ARE READILY AVAILABLE; FURTHER INFORMATION WILL GLADLY BE SUPPLIED ON REQUEST.

M&B

PHARMACEUTICAL CHEMICALS

MANUFACTURED BY

MAY & BAKER LTD · DAGENHAM · ENGLAND · ILFord 3060 EXTension 220

AMPHETAMINE B.P.
AMPHETAMINE SULPHATE B.P.
DEXAMPHETAMINE SULPHATE B.P.C.
METHYLAMPHETAMINE HYDROCHLORIDE B.P.C.
also available:
DEXAMPHETAMINE PHOSPHATE
(MONO- AND DIBASIC)
Associated Houses in:
BOMBAY · LAGOS · MONTREAL · PORT ELIZABETH
SYDNEY · WELLINGTON
BRANCHES AND AGENTS THROUGHOUT THE WORLD

PHA799

Reminder...

NOV. 30 *

is the last day for ordering

Potter's CATARRH PASTILLES

on **BONUS TERMS** *

Through your usual Wholesaler please *

One full tin in every dozen
on minimum parcels of three dozen
of either POTTER'S CATARRH PASTILLES
or CRYSTALLISED CATARRH PASTILLES
or an assortment of both.

POTTER & CLARKE LIMITED · RIVER ROAD · BARKING · ESSEX · TELEPHONE: RIPPLEWAY 3041

9/7 3/4 D

MINIMUM PROFIT

on every 12 bottles of

Quosh

ORDERED FROM NOV. 14 TO DEC. 9

plus special Quantity Discounts, too!

Here's great news. In every dozen bottles of QUOSH ordered between Nov.14th & Dec.9th inclusive,
ONE BOTTLE IS FREE.
That means a MINIMUM profit to you of 9/7¾d. a case!
How's that for a Christmas present?
And in addition to our quantity discounts, too.
Details of these on application.

Everybody buys
Quosh
FRUIT SQUASH
FOR CHRISTMAS

Heavy Supporting Xmas

ADVERTISING CAMPAIGN IN NATIONAL PRESS

Quosh is made by the Ribena people

For further information, write or phone to :-

BEECHAM FOODS LIMITED · BEECHAM HOUSE · GT. WEST RD · BRENTFORD · MIDDLESEX · PHONE: EALING 7711

DAQ5513T

D

New! *the 'ideal' sedative at last?*

safe • non-barbituric • sedative
muscle-relaxant • mildly hypotensive

in stress

and insomnia,

the evils of

modern

civilization

sedaltine regd.

carbromal 195 mg. bromvalatone 65 mg. rauwolfia (alkaloids 55%) 0.25 mg. mephenesin 100 mg. aluminium hydroxide 100 mg.

what is sedaltine?

It is a safe non-barbituric sedative and muscle-relaxant which fulfills the requirements of a non-toxic barbiturate-alternative. **sedaltine** provides rapid and effective sedation assisted by muscle relaxation and a mild hypotensive action without the clinically undesirable side and after-effects so often produced by barbiturates.

sedaltine packings

Available in dispensing packings only as follows:

	Trade Price (each)	Net Prof. Price (each)	
100 tablets	8/8	10/3	P.T. Exempt
250 tablets	20/-	23/6	P.T. Exempt

sedaltine *is not advertised to the public and is freely prescribable under the N.H.S.*

sedaltine propaganda

We are despatching this month to **30,000 doctors** information on **sedaltine** together with professional samples. **sedaltine** will be regularly advertised in the Medical Press and **30,000 doctors** will receive two further mailings during January and February next. In addition, our team of medical representatives will constantly detail **sedaltine** to prescribers.

sedaltine is available from all wholesalers.

Orders for **sedaltine** can be included in 'CPL' special bonus terms of 10% extra discount on orders for 'CPL' preparations to the net value of £5 or over. Detailed price list on request.

An original

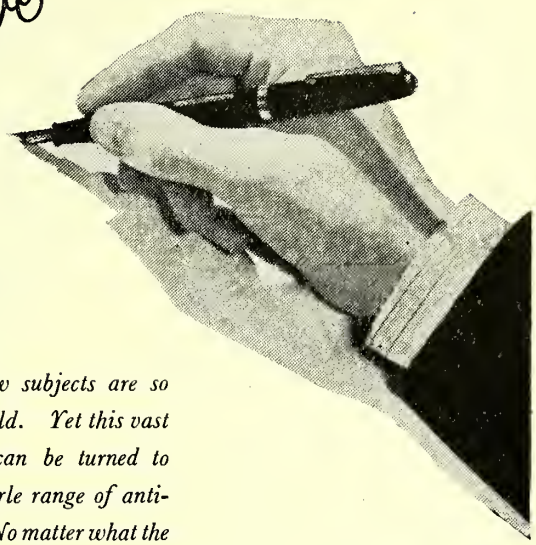
C.P.L

Research Product

CLINICAL PRODUCTS LTD • RICHMOND • SURREY

Telephone: RIChmond 4023/24, 4409

countless words have been written



. . . concerning anaemia in all its aspects. Few subjects are so fully represented in the medical libraries of the world. Yet this vast store of knowledge counts for little unless it can be turned to practical *advantage; and it is here that the Lederle range of anti-anaemia products has so much to offer the physician. No matter what the patient's need, there is a Lederle preparation to suit the case* precisely.

Perihemin*

"Master builder" of red cells haemoglobin.

Contains: Ferrous sulph. exsicc. 192 mg., folic acid 0.85 mg., B_{12} 10 micrograms, ascorbic acid 50 mg., powdered stomach 200 mg., insoluble liver fraction 50 mg., intrinsic factor 0.5 mg. in each capsule. Bottles of 100 and 1000.

Liver Injection U.S.P.

***20 micrograms* Lederle.**

Made solely from beef liver. Secures the maximum response with minimum pain. Boxes of 3 x 1 cc. vials.

Folvite*

Folic Acid.

Exerts specific effect on bone marrow. Tablets (5 mg.) Tubes of 25; Bottles of 100 and 1000. Elixir (5 mg./4 cc.): Bottles of 4 fl. oz. Solution (15 mg./cc.): Vials of 10 cc. and boxes of 12 x 1 cc. ampoules.

Folvron*

Folic Acid and Iron.

Capsules: Each contains folic acid 1.7 mg., ferrous sulph. exsicc. 0.194 Gm. Bottles 100 and 1000. Elixir: Bottles of 16 fl. oz. Tablets: bottles 100 and 1000.

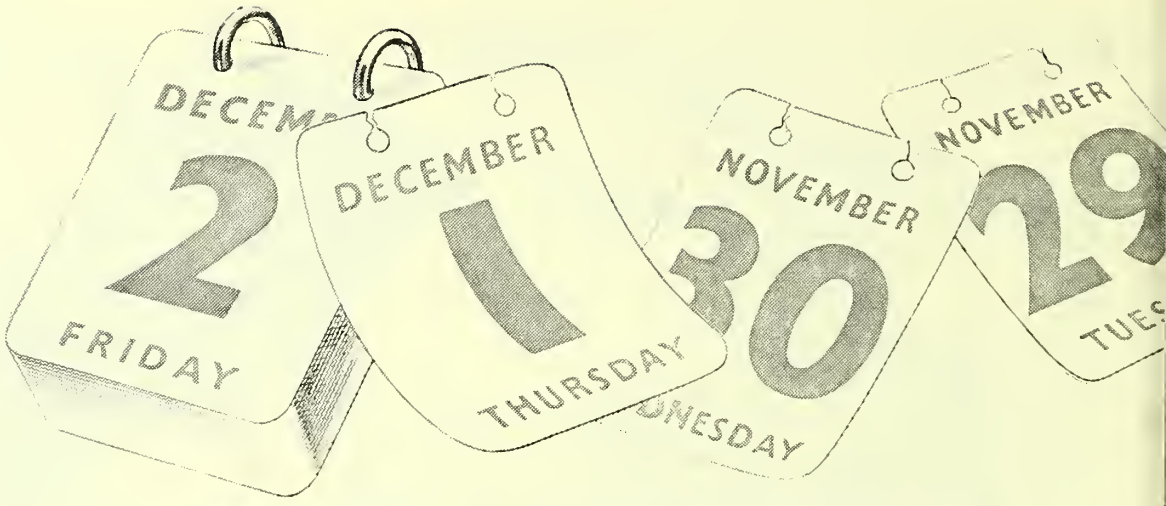
* Regd. Trade-Mark

LEDERLE LABORATORIES DIVISION

Lederle

Cyanamid Products Ltd.

BUSH HOUSE · LONDON · W.C.2 · TEMPLE BAR 5411



ONLY 14 DAYS TO GO...

best-ever bonus offer for

Blue Velvet

closes on 2nd December!

As the big, new advertising campaign for Blue Velvet is getting into its stride, demand keeps building up and more and more bottles of Blue Velvet are being sold over chemists' counters...

Blue Velvet offers you a fast, profitable turnover and the *best bonus bet in the hand lotion field*...

There is still time to place another bonus order for Blue Velvet at these 'best-ever' terms, giving you an extra profit on every sale... at 2/5d. or 4/3d. a time.

Powerful, sales-building advertising continues at full strength. Make it work for you, by displaying Blue Velvet prominently!

ORDER TO-DAY!

45/- of Blue Velvet (trade price) ordered *now* brings you 12 for the price of 11

£4 of Blue Velvet (trade price) ordered *now* brings you 12 for the price of 10

NOTE—Minimum outers (1 dozen for 2/5 size and ½ dozen for 4/3 economy size) cannot be split up. Orders for £4 or over, to qualify for the 12 for the price of 10 bonus must include some of both sizes of Blue Velvet.

Full details and Bonus Order Forms will be gladly sent on request

Blue Velvet

Hand Lotion by NIVEA

nith & Nephew Limited · Welwyn Garden City · Herts.

CAROLE CARR SAYS: *'I'm glad Nivea thought of Blue Velvet. I love using a Hand Lotion made by skin-care experts!'*

"they're mine!" says Carole Carr

She does the chores by *choice*. But Carole Carr's hands are always lovely for the cameras. How does she manage it? Easy—she smoothes beautifying Blue Velvet on her hands after *every* household job!

Hand-proud women choose Blue Velvet . . . it's made by skin-care experts!

Nivea make Blue Velvet rich in skin-nourishing 'Eucerite'—to replace the natural oils that housework takes from your hands. Keep Blue Velvet in *your* kitchen, bathroom and bedroom—to use often! Film stars have smoother, whiter hands with Blue Velvet—and so will you!

2/5 *and* **4/3** *(more than double size bottle)*

an S&N *product*

Blue Velvet HAND LOTION BY NIVEA

This is one of the new advertisements featuring celebrities. They are appearing regularly in the Daily Mirror, Woman, Woman's Own, Woman's Weekly, Reveille, & eight other leading publications.

NOW is the time

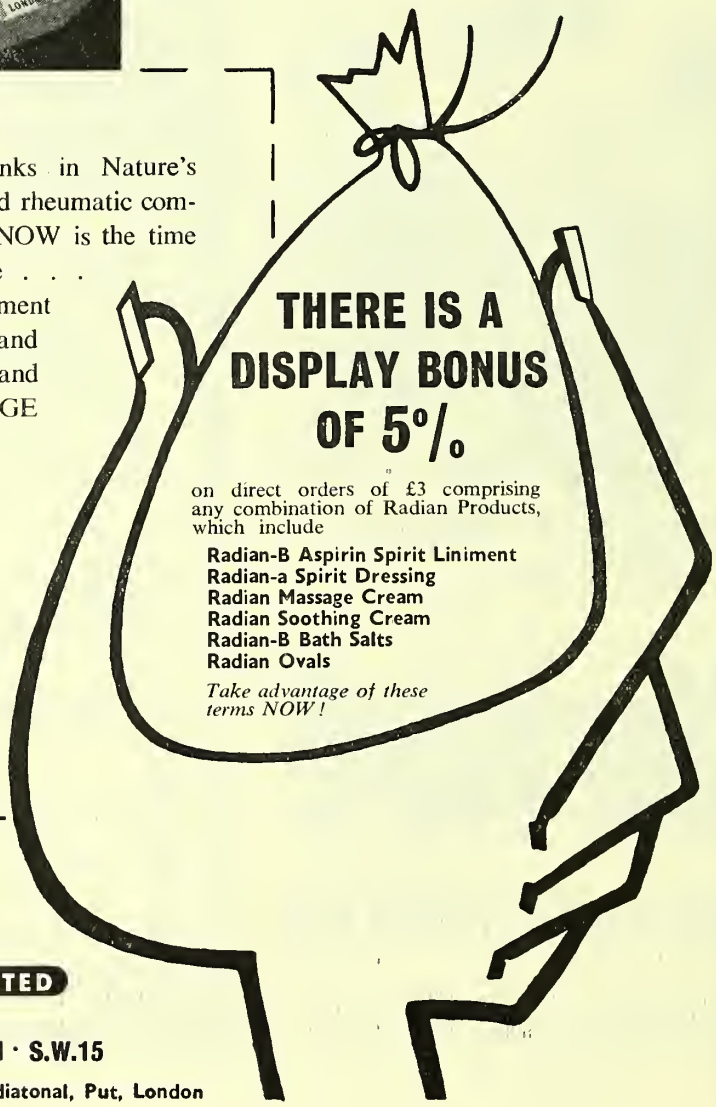
to display

RADIAN PRODUCTS

and—

November finds out the chinks in Nature's armour against winter chills, and rheumatic complaints take the heaviest toll. NOW is the time to display the Radian Range . . . RADIAN-B Aspirin Spirit Liniment for fibrositis, lumbago, stiffness and strains, RADIAN-*a* for bunions and chilblains, RADIAN MASSAGE CREAM for the sportsman—the footballer, the rugger player, the golfer.

RADIAN PRODUCTS have a magnificent record of achievement. They sell and sell and *sell*—all the year round, but this is the peak sale period.



THERE IS A DISPLAY BONUS OF 5%

on direct orders of £3 comprising any combination of Radian Products, which include

Radian-B Aspirin Spirit Liniment
Radian-a Spirit Dressing
Radian Massage Cream
Radian Soothing Cream
Radian-B Bath Salts
Radian Ovals

Take advantage of these terms NOW!

Radiol CHEMICALS LIMITED

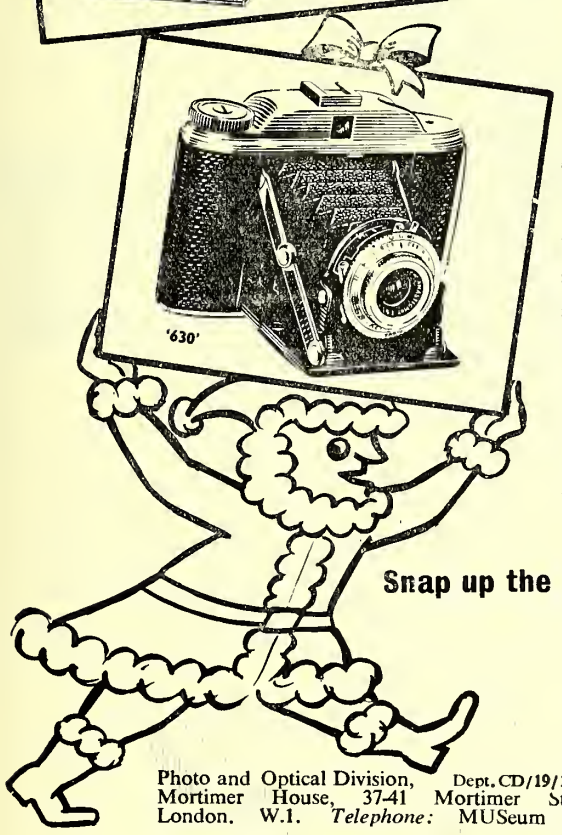
78 UPPER RICHMOND ROAD · LONDON · S.W.15

Tel.: VANdyke 1642 & 2692. Grams: Radiatonal, Put, London

Snap up the Christmas trade

with

CAMERAS



The G.B.-Kershaw '110' Camera makes the ideal Christmas present—at *just the right price* for the pocket-diving days before Christmas. Make sure NOW, that you will have what the Christmas shoppers want. Our Christmas advertising will be sending them into your shop in good time.

The **'110'**
with f/11 fixed focus lens **£5. 19. 10** (inc. P. Tax)
The **'630'**
with f/6.3 coated Anastigmat lens **£10. 8. 6** (inc. P. Tax)

Snap up the profits this Christmas with G.B.—Kershaw

Distributed by

BOPE **G.B. EQUIPMENTS LTD**

A Member of the BRITISH OPTICAL AND PRECISION ENGINEERS' GROUP *Within the* Rank Organisation

Photo and Optical Division, Dept. CD/19/11/55
Mortimer House, 37-41 Mortimer Street,
London. W.1. *Telephone:* MUSeum 5432

This... *points the way to*

5 day deodorant winter sales!

Make your 5 day business 365 day business! Fastidious people (yes, men too!) know that a deodorant is just as important now as in high summer. Here's an effective way to remind them — a neat "*rider*" *Display Card* for your sell-at-sight 5 day Counter Display. Get yours quickly! Ask your representative or write direct — and be ready to continue the 5 day summer sales success right through the winter!

NEW PRICES OF TATTOO PREPARATIONS

		Trade Price Dozens	Purchase Tax Dozens	Retail Price Each
5 Day Deodorant Pads				
	Large	16s.0d.	14s.5d.	3s.2½d.
	Small	9s.4d.	8s.5d.	1s.10½d.
5 Day Deodorant Stick		9s.4d.	8s.5d.	1s.10½d.

(3 dozen 1s.10½d. Pads, Sticks or an assortment of these two: less 5%)

		Trade Price Dozens	Purchase Tax Dozens	Retail Price Each
Quickies	*Large*	21s.6d.	19s.4¼d.	4s.3d.
	Small	9s.4d.	8s.5d.	1s.10½d.
Tattoo Lipstick	*Large*	21s.6d.	19s.4¼d.	4s.3d.
	Small	8s.4d.	7s.6d.	1s.8½d.
Tattoo Lipstick Refill	*Large*	14s.6d.	13s.0¾d.	2s.10½d.
Tattoo Cake Mascara	*Large*	13s.4d.	12s.0d.	2s.8d.
	Small	9s.4d.	8s.5d.	1s.10½d.
Tattoo Cream Mascara		9s.4d.	8s.5d.	1s.10½d.

(Special terms for quantities as usual).

All orders and enquiries to Sole Distributors:

FASSETT & JOHNSON LTD
86 Clerkenwell Road London EC1

November Bonus terms for

Veganin

PARCEL A

72 Veganin **10's** charged as 66

LESS 5% discount

PARCEL B

72 Veganin **20's** charged as 66

LESS 5% discount

Orders must be sent direct to William R. Warner & Co. Ltd., with instructions to invoice through your usual wholesaler if you wish.

You may order multiples *of either parcel*

ORDER AS MANY OF THESE AS YOU LIKE NOW!

Bonus offer applies during November only

WILLIAM R. WARNER & CO. LTD. · POWER ROAD · LONDON W·4.

B

THERE IS STILL TIME
TO BENEFIT FROM THE
'ENDRINE' Nasal Compound
SPECIAL BONUS OFFER

12, 13, 14
to the DOZEN

on a minimum order of 2 dozen 'ENDRINE'
1 oz. size, any variety, during
NOVEMBER
in return for window or counter display

At 22/8d. per dozen (excluding P.T.) you make a profit of 24/8d. on an outlay of only 45/4d. (excluding P.T.)

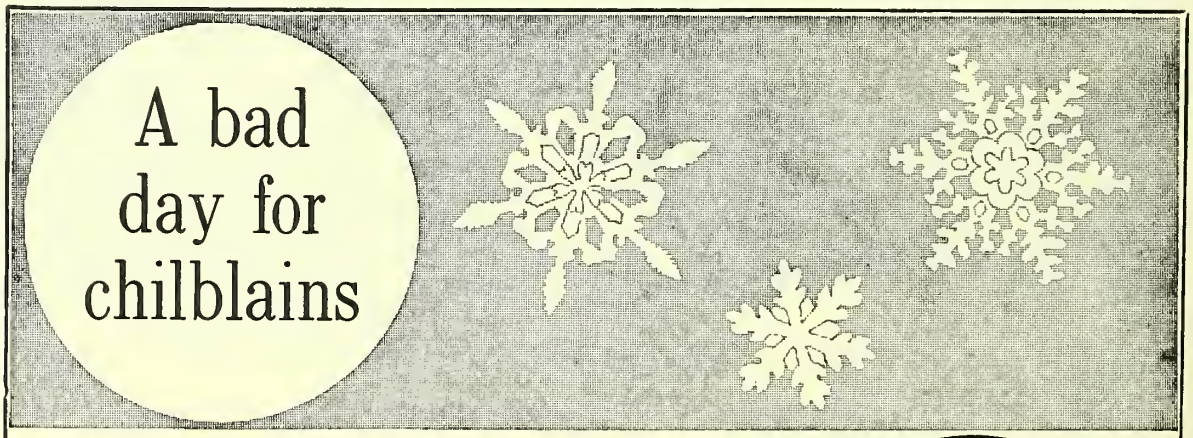
Your usual wholesaler can execute your order by return.

'ENDRINE' is available in three varieties :—Ordinary, Mild and Isotonic.

'ENDRINE'
TRADE MARK

Wyeth JOHN WYETH & BROTHER LTD., CLIFTON HOUSE, EUSTON RD., LONDON, N.W.1

A bad day for chilblains



Excellent subjects for companion sales—Pernivit for oral use and Pernicream for topical application.

'PERNIVIT' TRADE MARK
Tablets of acetomenaphthone 7 mg. and nicotinic acid 25 mg.

	TRADE	RETAIL
Bottles of 50 tablets	2/-	3/-
" 500 "	13/-	19/6

(*Exempt Purchase Tax*)

'PERNICREAM'
incorporating amethocaine, menthol and benzyl alcohol in a non-greasy base.

	TRADE	RETAIL
Collapsible tubes	1/6	3/-

(*Including Purchase Tax*)

Sales Aids
PERNIVIT, display cartons for six bottles.
PERNICREAM, display cartons for twelve tubes and a showcard printed in matching colours.
(*Bonus Terms on application or from the B.D.H. representative*)

THE BRITISH DRUG HOUSES LTD. LONDON, N.1

Three Stars advertise a four-star shampoo!

Yolande Donlan

Sheila Sim

Sally Ann Howes

★ New Amami Lotion Shampoo is single-lathering — extra thorough yet *extra* mild.

★ It's a liquid — and liquid shampoos have proved themselves the fastest-selling type of shampoo.

★ It's packed in a sachet and over 80% of package sales are now in sachets.

★ It costs only 7d! It's the only single-lather shampoo to sell at this low price.

Large, year-round advertising campaign

* In national newspapers and magazines.

** With an estimated readership of 33,637,000!

*** New Amami can't fail, it has *everything* that women want in a shampoo and at a popular price.

**** An original style of film star advertising will point up new Amami's mildness — remember this advertising runs all the year round!

***** Stock up now. There's profit in new Amami.

keep new Amami on display

It's starred for success

COUNTY LABORATORIES LTD., HONEYPOT LANE, STANMORE, MIDDX.

NOW! THE TORIES!

CHEMISTS who were displaying 'Q-Tips' know how women responded to the 'Q-Tips' whole page in the Daily Sketch a few weeks ago!

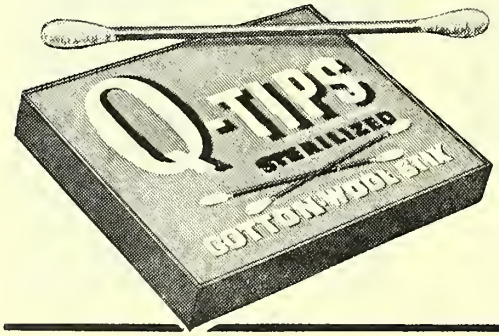
Now there's another big chance. We have been able to get a dominating space in the Daily Mirror on Wednesday, November 30th. This, of course, is additional to our regular advertising in all the best women's magazines including

WOMAN	GOOD HOUSEKEEPING
WOMAN'S OWN	HOME CHAT
WOMAN'S COMPANION	HOME NOTES
WOMAN'S WEEKLY	MOTHER
WOMAN'S WORLD	MOTHER & HOME
NURSING MIRROR	WOMAN & HOME
NURSERY WORLD	WELDON'S JOURNAL
WIFE & HOME	ETC., ETC.
HOUSEWIFE	

The Mirror has a readership of over ten million. Make sure you have stocks of 'Q-Tips' and just see what profits even a small display can bring!

The introductory packet containing 18 double tipped 'Q-Tips' (36 swabs) costs 1/- less 33⅓%. There is no Purchase Tax. Trade orders should be addressed to:

S MAW SON AND SONS LIMITED
BARNET HERTS



WHAT 'Q-TIPS' ARE

'Q-Tips' are simply beautifully smooth, little wooden sticks with swabs of the finest cotton-wool at each end, so firmly fixed that they cannot come off in use. They are scientifically sterilized and carefully sealed in cellulose film before they leave the factory.
Mothers and Nurses find them wonderful for cleaning baby's nose, ears and eyes and many other purposes.

BE SURE TO HAVE FULL SUPPLIES BY NOV. 30th

"Q-Tips" is a Registered Trade Mark of Q-Tips (Gt. Britain), Ltd., Ajax Works, Hertford Road, Barking, Essex.

FACTS CONCERNING

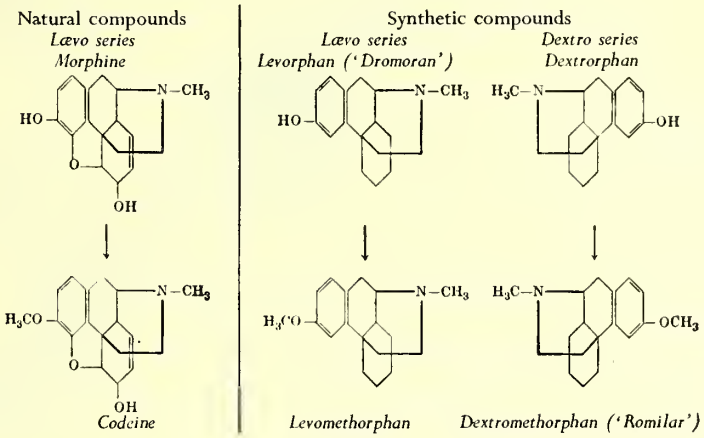
'ROMILAR'

TRADE MARK BRAND

SYRUP

Nomenclature: Full chemical name (-)-3-Methoxy-N-methyl-morphinan hydrobromide
Abbreviated name dextromethorphan
Trade mark 'Romilar'

Chemistry:



Action: A specific cough suppressant

Composition: Each 5 c.c. (one domestic teaspoonful) contains 10 mg. dextromethorphan

Dose:

Adults	1 – 2	teaspoonfuls	(10 mg. – 20 mg.)
Children	½ – 1	teaspoonful	(5 mg. – 10 mg.)
Infants	¼ – ½	teaspoonful	(2·5 mg. – 5 mg.)

These doses may be given 1 – 4 times daily.

Poison Regulations

"Dextromethorphan was excluded from the Dangerous Drugs Act and Regulations by an Order that came into force in August last year, and the proposed changes (in the Poison Rules) will give to the compound the same exemption from First-Schedule restrictions that are granted to the other anti-tussive agents, coedine and pholcodine (i.e. preparations containing less than 1.5 per cent. will be exempt from the requirements of the First Schedule)".[1]

Pending the issue of the necessary Statutory Instrument, 'Romilar' is temporarily subject to First Schedule poison restrictions. Advanced preparations for publicity and marketing at the London Medical Exhibition demand immediate release to prevent inconvenience to the trade.

[1] Pharmaceutical Journal. p. 77, July 30th, 1955.

Packings & Retail Prices: Bottles of 100 c.c. 6/- + P. Tax 1/2½ and 500 c.c. 27/6 + P. Tax 5/6.

a synthesis by ROCHE

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— AUTUMN BUDGET —

PRICE CHANGES

FOR

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Trial size, 40 tablets ...	7/5
Standard size, 120 tablets ...	21/3
Full treatment size, 640 tablets	106/6
Dispensing pack, 720 tablets (P.T. Exempt)	No change

ROTER

'ROTERCHOLON'

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Tube of 60 dragees ...	7/9
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F.A.I.R. LABORATORIES LTD., TWICKENHAM, MIDDLESEX

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BARRIER CREAMS

the INVISIBLE glove

No. 1 FOR DRY WORK
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No. 8 FOR WET WORK
tube 1/9

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8 Floral Perfumes:— *Lavender, Carnation, Rose, Wallflower, Lilac, Honeysuckle, Fern, Sandal wood.*

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WE HAVE ASKED YOUR CUSTOMERS TO RETURN THEIR EMPTY RIBENA BOTTLES TO YOU AS FROM

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on all Ribena *and* Lucozade empties returned. **Ribena will continue to sell at 3/6 as from Nov. 1st, but if no empty bottle is handed in at the time of purchase a 3d bottle deposit will be asked for, refundable on return.**

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The Original Inhaler and the most reliable

Its high standard of accuracy will appeal to your customers no less than to you.

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Available to you at 13 for the price of 12, in handy display packs.

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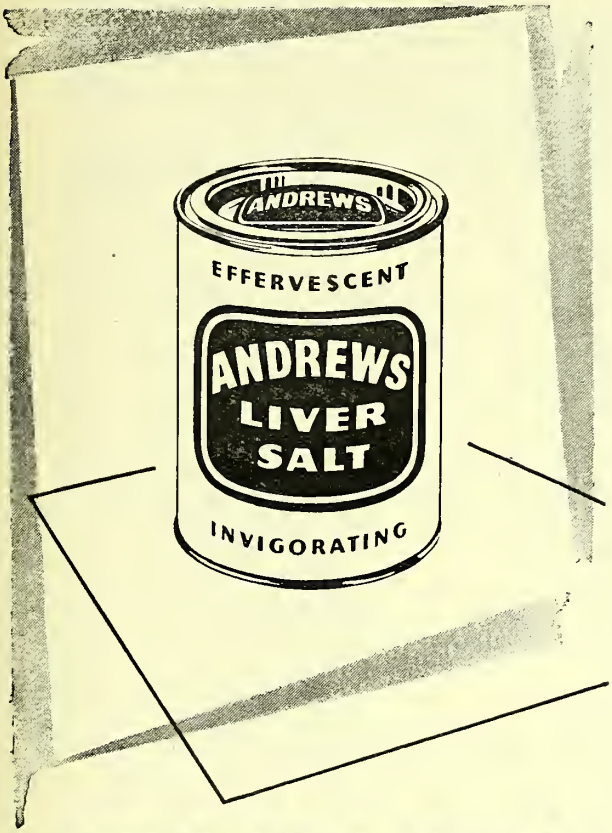

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- Its packing and keeping qualities are guaranteed.
- It is advertised by a powerful national campaign.

Andrews
for *INNER*
CLEANLINESS

THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 164 November 19, 1955 No. 3952

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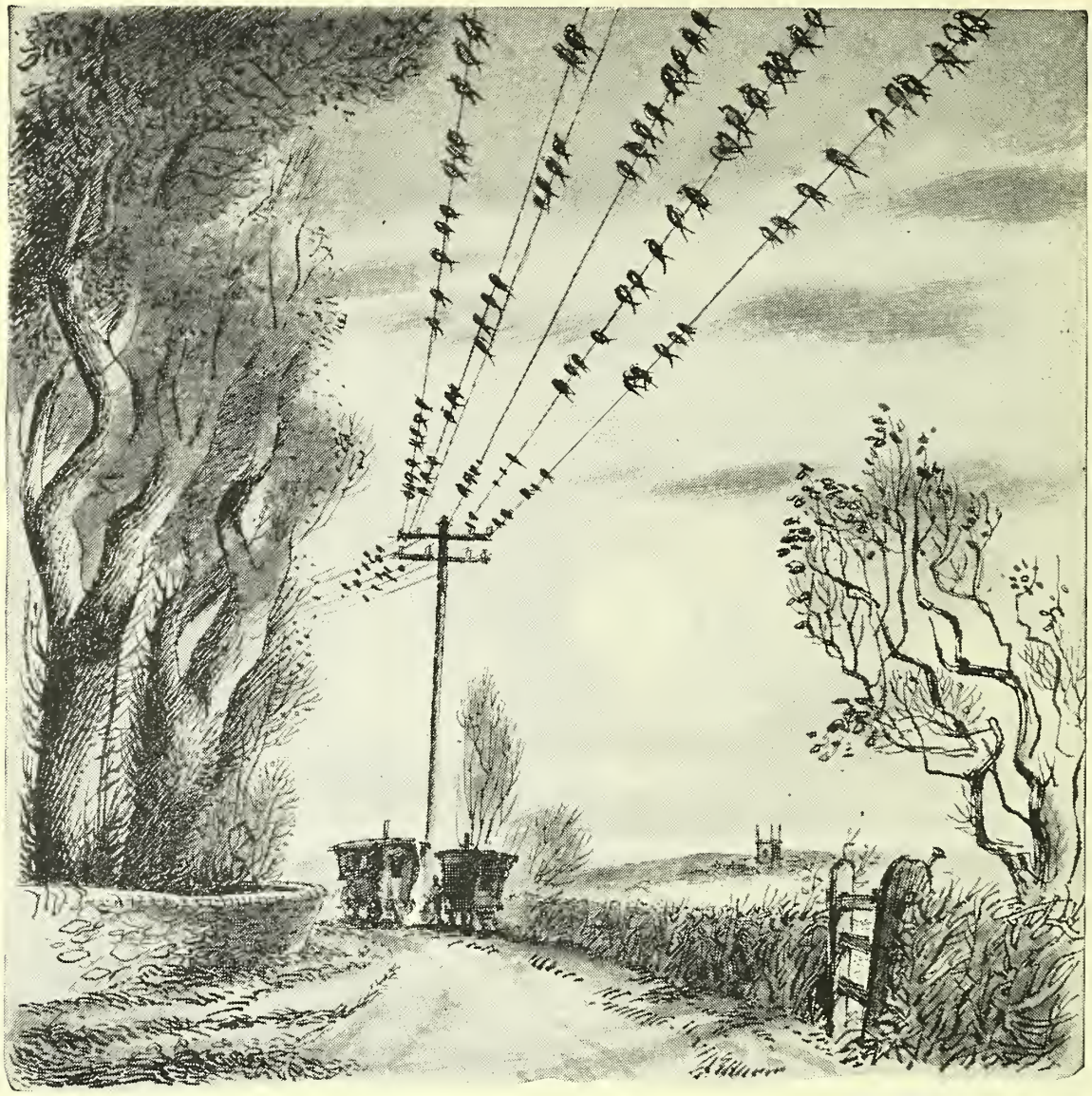


MIGRATION TIME is 'Kepler' time! When birds flock south, it's none too soon to think in terms of winter trade. Many mothers have already started building up their families' resistance to infection with protective, palatable 'Kepler'—thousands more will follow their example in the treacherous months ahead. Prudent pharmacists will therefore not delay in reviewing stocks of this steady winter seller. Order now—and plan a "'Kepler' corner" in your winter window display.

'KEPLER' BRAND **COD LIVER OIL WITH MALT EXTRACT**

Protects the bodies it builds

BURROUGHS WELLCOME & CO. (THE WELLCOME FOUNDATION LTD.) **LONDON**

The CHEMIST AND DRUGGIST

Volume 164 NOVEMBER 19, 1955 No. 3952

Opposition to Heroin Ban

DOCTORS' RESOLUTIONS

THE ban on the manufacture of heroin was discussed at a meeting of the British Medical Association council recently. THE CHAIRMAN (Dr. E. A. Gregg) said that the matter of the ban was now really out of the hands of the Ministry of Health. The Association had made a spirited protest and had expressed extreme regret that its representations had not been favourably received. The council still protested against the action taken by the Secretary of State; they thought that it should be reversed. Mr. Nicholson-Lailey (chairman of the science committee) said that his committee had decided to keep the question of the prohibition of the manufacture of heroin under review. Consideration had also been given to various problems relating to methylpentynol, pethidine, and chlorodyne, and a subcommittee had been established to look into the control of drugs and the extent of their use by addicts.

The British Medical Association announced in London on November 14 that a strong protest had been made to the Home Secretary by the council of the Association against his ban on the manufacture of heroin. In a letter to the Home Secretary the chairman of the council states that the council "is convinced that you have been wrongly advised and that your decision is an exceedingly unfortunate and regrettable one."

The annual meeting of the Fellowship for Freedom in Medicine, held in London recently, passed a resolution urging the Home Secretary to reverse his decision prohibiting the manufacture of heroin.

N.H.S. Prescriptions

"FULL-PRICING" REVISION

THE lists of chemists with relatively small National Health Service accounts whose prescriptions are priced in full are being revised. The revised list will come into force with the pricing of the December 1955 prescriptions. Contractors whose names were being added to or deleted from the lists are being notified by their Executive Councils.

It has been agreed by the Ministry of Health and the Central N.H.S. (Chemist Contractors) Committee that for the December 1955 and January 1956 prescriptions no full pricing (except under the special arrangements mentioned above) will be done. Chemists in the affected areas are being notified by their Executive Councils to revert to sorting in "S" and "A" bundles, beginning with prescriptions for December 1955.

Censuses Postponed

BOARD OF TRADE DECISION

THE Board of Trade is postponing for a year the programme of work recommended by the committee on the censuses of production and distribution. The programme for the next few years will now be as follows: Sample survey of production for 1955 to be taken in 1956; sample survey of production for 1956 to be taken in 1957; sample surveys of production and distribution for 1957 to be taken in 1958; full census of production for 1958 to be taken in 1959. That introduces an interval of four years, instead of three, between the full census of production for 1954 and the subsequent one, now to be taken for 1958. It postpones for one year the sample survey of distribution.

No Requests for Aid

MEETING OF DRUG TRADE APPEAL FUND

A MEETING of the trustees of the Drug Trade Appeal Fund was held in London recently, Mr. J. C. Hanbury presiding. The biennial report indicated that the trustees had received no applications for contributions from the fund during the period under review, and it was decided to remind the principal pharmaceutical organisations of the purpose of the fund, which is to assist in the financing of appeals in the High Court in cases involving a point of law of importance to the pharmaceutical trade or industry. The officers and trustees accepted re-election as follows: *Chairman,* Mr. J. C. Hanbury; *Treasurer,* Mr. L. Johnson; *Secretary,* Mr. A. Duckworth; *Trustees:* Messrs. J. C. Hanbury, C. M. Hill, W. S. Howells, Donald W. Hudson, L. Johnson, A. Mortimer, C. W. Robinson.

Key Industry Duty

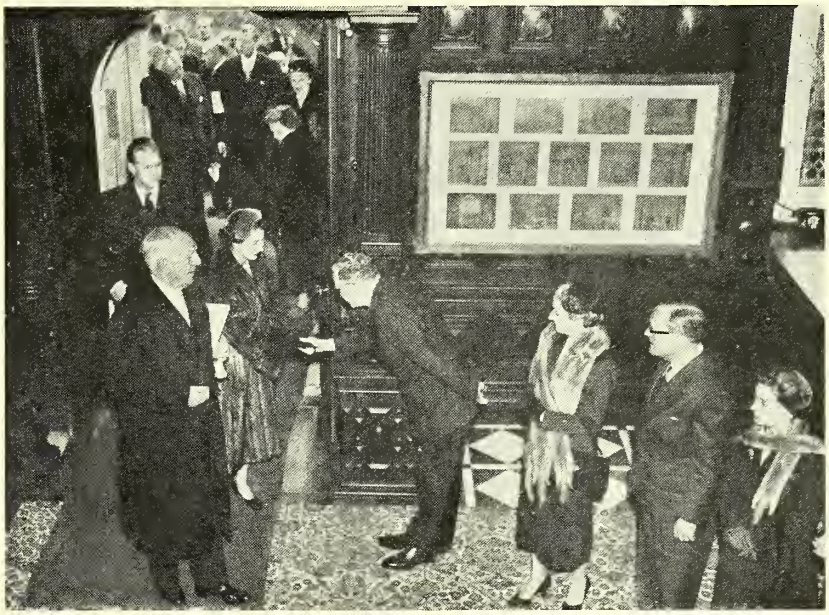
RENEWAL OF EXEMPTIONS

THE Board of Trade is considering the renewal for the period February 19, 1956, to August 18, 1956, of the exemptions from Key Industry Duty set out in the Safeguarding of Industries Exemption Orders prior to February 19, 1956. Communications should be addressed to the Tariff Division, Board of Trade, Horse Guards Avenue, London, S.W.1, not later than December 3.

Drug Tariff

OCTOBER AMENDMENTS

THE following amendments are notified in the October quarterly list of revised prices and amendments to the Drug Tariff, May 1955: Some sizes of vulcanite and watch-spring pessaries are no longer specified. Supplies of those sizes may be made as provided for at "Hodges, ring and fluid ring" on p. 79 of the May Drug Tariff.



QUEEN'S VISIT TO CREWE HALL: The Queen being welcomed to Crewe Hall by Mr. Frank Dunkerley (chairman of Calmic, Ltd.) during the Royal visit to the Duchy of Lancaster estates on November 2. Also presented were Mr. Harold Ward (managing director) and Mr. Alfred Lloyd (sales director). Crewe Hall is used by the company for administrative purposes. The works are situated in the many outlying buildings located in the grounds.

Radiography in Industry

SECTION AT LONDON EXHIBITION

MANY examples of the use of radiography in industry are being shown at the exhibition of *x*-ray photography in the Royal Photographic Society's house, 16 Prince's Gate, London, S.W.7, from December 13 to 22. The scope of radiography has been greatly extended recently, due to the readily available radioactive isotopes which emit gamma rays capable of penetrating metals in the same ways as *x*-rays. Both gamma-rays and high voltage *x*-ray equipment now make it possible to detect defects in steel welds and castings up to ten inches or more thick. The exhibition is opening each week-day from 10 a.m. to 7 p.m. (Saturdays 5 p.m.). Admission is free. Lectures arranged in conjunction with the exhibition are: December 13, 7 p.m., W. E. Schall, B.Sc., F.Inst.P., and Cuthbert Andrews on the development of *x*-ray photography from the industrial and medical aspects; December 15, 5 p.m., Professor J. D. Bernal, M.A., F.R.S., on "The Use of Photographs in *X*-ray Crystallography"; 7 p.m., W. J. Wiltshire, G.M., B.A., F.Inst.P., on "Industrial Radiography, Past, Present and Future"; December 20, 7 p.m., Professor J. E. Roberts, D.Sc., on "Post-War Developments in the Production of *X*-rays."

Fixed Prices Defended

DR. DARGAVEL'S NEWSPAPER ARTICLE

DR. John W. Dargavel, who visited Britain earlier this year as guest consultant of the Proprietary Articles Trade Association, was the author of a feature article in the *News Chronicle* of November 15 entitled "There is a Case for Fixing Prices." An illustration at the head of the article was boldly captioned: "Fixed prices help to keep the small trader in business and he in turn helps to keep monopolies in check." Dr. Dargavel describes in the article how price-cutting in the United States, following the discovery in 1951 of a flaw in the laws guaranteeing fair trade, grew to such proportions, conditions of trade became so chaotic and the threat to small businesses so serious that members of Congress called for an end to price wars. Thus the McGuire Act was passed. It restored to manufacturers the right to maintain fair selling prices.

The (British) Government's Monopolies Bill, which deals with restrictive trade practices, is understood to be nearing completion.

National Insurance

REPORT AND DRAFT AMENDMENT

IN a report published recently by the National Insurance advisory committee, one change is recommended in the present rules for benefit for short spells of unemployment or sickness. The committee also considered the problem of the man who, after taking the usual annual holiday, goes to another job and is then forced to take another holiday, for which he receives no pay. The committee recommends that the rule should be changed so that such a man is not automatically debarred from getting unemployment benefit for the second holiday. Draft regulations have been submitted to the committee dealing with that point and the committee will consider representations on the draft regulations sent before December 5 to the Secretary, National Insurance Advisory Committee, 10 John Adam Street, London, W.C.2. The report (Command No. 9609) and draft amendment are available from H.M. Stationery Office, price 1s. 6d. and threepence respectively.

Synthetic Detergents

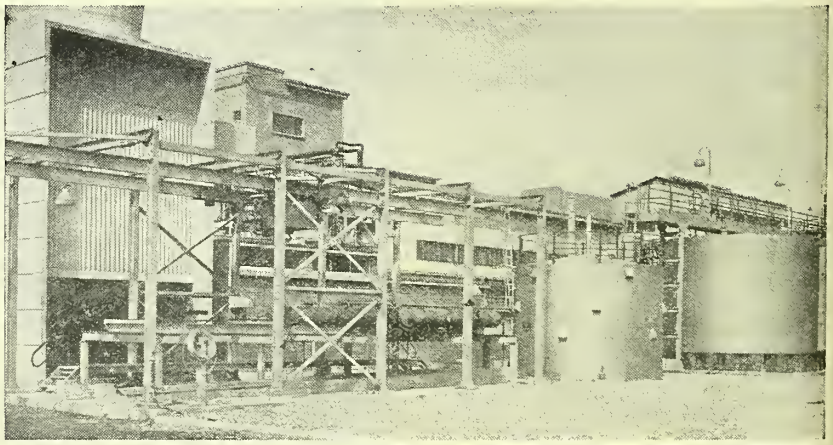
ESSEX PLANT TO MAKE ALKYLBENZENE

THE construction of a new Shell Chemical plant at Shell Haven, Essex, is due to be completed in January 1956 at a cost of £1,250,000. The plant has been designed for an initial yearly production capacity of 20,000 tons of alkylbenzene—a basic material for many household detergent powders in use today.

Titanium Production

A NEW FACTORY IN SOUTH WALES

A FACTORY for the fabrication of titanium is being built by Imperial Chemical Industries, Ltd., at Waunarlwydd, nr. Swansea. Work is to commence soon, and it is hoped that the new factory, which will cost about £2 millions and employ some 250 people, will be in production in 1958. The considerable pioneer research and development work carried out by the company has resulted in the commissioning in 1955 of two large-scale plants for the production of titanium and its alloys. The first, built by the company's general chemicals division at Wilton, Yorks, is concerned with the extraction of metallic titanium and can produce 1,500 tons of raw titanium a year (see illustration). The second, at the Kynoch works of the metals division, Witton, Birmingham, is responsible for melting granular titanium produced at the Wilton plant, and forging it into slabs and bars for further fabrication.



PLANT FOR TITANIUM PRODUCTION: The titanium plant of the general chemicals division of Imperial Chemical Industries, Ltd., at Wilton, which came into production this year. The company has pioneered the production of metallic titanium in this country. The general chemicals division extracts metallic titanium by reducing titanium tetrachloride with sodium. The product, granular titanium, is taken over by the metals division at Witton, whose full-scale melting plant, capable of handling 1,500 tons of raw titanium a year, came into operation in August.

IRISH NEWS

Ulster Associates

ANNUAL MEETING OF SECTION

THE twelfth annual meeting of the Associates' Section, Ulster Chemists' Association, was held in Belfast, on November 10, Mr. G. E. McIlhagger (chairman) presiding. Guest speaker was Mr. W. H. Boyd (president, Ulster Chemists' Association), who gave an address, touching on points of mutual interest to employers and employees. The committee's annual report and financial statement for the year ended September 30 were adopted. In his address the chairman reviewed the year's work and mentioned that in the past few years retail pharmacy had seen the introduction of the wide range antibiotics, aureomycin and Terramycin, and commended to associates the need to familiarise themselves with the preparations of cortisone and hydrocortisone, which they would shortly be required to dispense. He paid special tribute to Mr. M. D. Moore, the section's auditor, a past chairman and foundation member, on his gaining a new appointment in London. A student member gave his views on the status of apprentices and provoked much discussion.

Flash Photography

DEMONSTRATIONS AT DUBLIN SHOW

THE Irish branch, Photographic Dealers' Association, is holding an after-dark and flash exhibition in Dublin on November 23 and 24. All leading manufacturers are displaying flash equipment and indoor photo-lighting outfits, cameras and accessories. Demonstrations are being given on how to take indoor pictures with single and multiple flash, photo-floods and electronic units.

Benevolent Fund Dance

MANY ATTRACTIONS PLANNED

THE dance in aid of the Benevolent Fund of the Pharmaceutical Society of Ireland is being held in Dublin on

December 6. Mr. Kevin Banks is again chairman of the dance committee. Among the attractions will be a competition for a Christmas hamper and many valuable spot prizes. Tickets, which include supper, cost £1 1s. each. Dancing is from 10 p.m. to 3 a.m. Those who cannot attend are invited to send subscriptions towards expenses to any member of the committee.

NEWS IN BRIEF

Two chemists have been severely cautioned by Staffordshire Executive Council for incorrect dispensing. No financial penalty has been recommended to the Minister of Health.

MOUNTSORREL, Leics, parish council is asking local chemists to remain open later than at present because complaints have been received that it is impossible to have prescriptions dispensed after 6 p.m.

A FUND has been inaugurated to relieve distress caused by the recent hurricane in the West Indies. The address for donations is: West Indies Hurricane Relief Fund, 37 Strand, London, W.C.2.

MATERIAL for a "Development of the Cinema" exhibition at Woolwich Polytechnic, London, S.E.18, on November 19, as part of the annual conversazione and presentation of awards to students of W. T. Henley Telegraph Works Co., Ltd., is being provided by G.B. Equipments, Ltd.

ELECTIONS and co-options to the council of the Association of British Chemical Manufacturers at the November meeting were: *Elected,* Mr. D. J. Bird (Fisons, Ltd.), Mr. E. Le Q. Herbert (Shell Chemical Co., Ltd.), Mr. F. S. Poole (Peter Spence & Sons, Ltd.); *Co-opted,* Mr. E. J. Bush (W. J. Bush & Co., Ltd.), Mr. G. H. W. Cullinan (Shell Chemical Co., Ltd.), Mr. R. S. Haskew (The General Chemical & Pharmaceutical Co., Ltd.), Dr. J. E. Taylor (Joseph Crosfield & Sons, Ltd.).

SPORT

Golf.—EDINBURGH CHEMISTS' GOLF CLUB annual dinner on November 9. Tribute to the enthusiasm of members was paid by Mr. Hugh Semple (chairman), who said that proof of the good health of the club was the attendance at that dinner—of a membership of seventy-three, sixty were present. Their standard of golf was ever improving. Chief Constable W. Merrilees (Lothians and Peebles Constabulary) proposed the toast of the club. He referred to the presence of Mr. James Findlay, one of the founder members who had won the T. & H. Smith trophy in 1901 and nine times in all—and was still playing golf. Other speakers were Bailie W. J. M. Kean, R. F. Muir, J. W. Martin, A. Wilson Strachan, H. Campbell, J. H. Scott, and Mr. George Murray (Glasgow Pharmaceutical Golfing Society). Awards: *Club championship, T. & H. Smith trophy, Edinburgh chemists' trophy,* P. R. Fallon; *R. Gibson trophy,* R. R. Steedman; *The British Drug Houses trophy,* W. S. Thomson and A. M. Dinwiddie; *Crookes trophy,* H. Campbell; *Raimes tankard,* J. H. Scott; *Harkness Beaumont tankard,* T. Hare; *Duncan Flockhart tankard,* C. F. Ireland; *D. Rainy Brown medal* and *MacFarlan prize,* J. W. Martin; *Captain's prize,* F. Maloney; *Vice-captain's prize,* P. R. Fallon; *Allenbury prize,* W. S. Thomson; *Organon prize,* J. Leckie; *Thornton & Ross prize,* R. R. Jeffrey; *James Finlay prize,* R. R. Jeffrey; *A. H. Cox prize,* T. W. Strachan; *4711 prize,* R. S. Matheson; *William Hill prize,* J. Leckie.

TOPICAL REFLECTIONS

By Xrayser

Post-Budget Prices

I referred last week to the extremely valuable list of post-Budget prices issued with THE CHEMIST AND DRUGGIST, and, as I expected, you have reaped the reward of your enterprise in the letters of appreciation you have received. But I am a little disturbed to find in the report of the N.P.U. area conference at Eastbourne (p. 548) that there is apparently some doubt as to the correct course to pursue in the charging of the new prices. Purchase tax may now be fairly regarded as an integral part of the price structure of a product, though it is regrettable that Government action should lead to periodic violent fluctuations in cost which bear no relation to the normal hazards associated with raw materials and labour. Nevertheless, I recall the indignant outbursts which greeted the Budget of 1953, when substantial all-round reductions were made which resulted in stocks in hand being devalued at once. Tax which had been paid by retailers was, in effect, money confiscated. About that time, Mr. John Boyd Carpenter (Financial Secretary to the Treasury) announced that the Government had accepted the recommendation of the Committee on Tax Paid Stock against any rebate in respect of purchase-tax-laden stocks on a reduction of tax, but that they "fully accepted the principle that in normal trading conditions they should not take action to prevent traders selling existing stocks at higher prices when the rates were increased." Surely, in face of all the factors, there is only one course of action open today, and that is to charge goods at the new face prices. Some day, probably later rather than sooner, we will find ourselves once more contemplating tax paid stocks which have lost in value overnight. But what, I wonder, are normal trading conditions?

Freely Prescribable

The news that cortisone and hydrocortisone are to be available to general practitioners from December 5 may prove to be a momentous step in the treatment of certain conditions. Two factors must be assumed —one, that a sufficient period has elapsed to allow of adequate clinical trial, and two, that ample supplies are available. The expression "freely prescribable" is one that seems to commend itself to the official mind on such occasions, and it is to be hoped that the words are not open to misunderstanding, otherwise there may be further Ministerial admonitions anent the rising cost of the drug bill. Every new product of a dramatic property which has been beyond the reach of general practitioners seems to acquire added virtue, and there has invariably been a tendency on the part of many doctors to take the phrase "freely prescribable" as literally as it can be interpreted. It is to be expected therefore, that initially, prescribing may lack that discrimination which comes only from experience. In due course, when the prescribing has recovered from its first impetus, there is no doubt that the drug will find its proper and useful place. Nothing discredits a new treatment so much as indiscriminate prescribing. Pharmaceutically, we shall be faced with the need for adding to our stocks, and we may perhaps be pardoned if, on December 5, we feel with Keats that our heart aches and a drowsy numbness pains our sense, though it is to be hoped that many other preparations on our shelves will not have, like some dull opiate, to be emptied to the drains. Doctors are nowadays in possession of powerful drugs, and their responsibility is great indeed.

Sedative Stimulant

I qualified in pharmacy before the modern curriculum which includes among its subjects a certain knowledge of physiology and consequently a familiarity with the science of therapeutics. Nevertheless, over the years one acquires a nodding acquaintance with the action of drugs, and now and again something appears which bewilders. Such this week was a prescription for powders containing quite a substantial quantity of caffeine—Sig: One for a doze!

TREATING DIABETES

Address to Harrow Branch

PHARMACISTS asked for hypodermic syringes for use by diabetics should dispense the British Standard type which was given in the Drug Tariff. At the same time the use of the syringe should be explained to patients. That advice was given to members of Harrow Branch of the Pharmaceutical Society recently by DR. B. A. YOUNG (a member of Council of the Pharmaceutical Society, and consultant physician in charge of the diabetic clinics of St. Alfege's hospital and the Miller hospital, Greenwich). He was speaking about the present-day treatment of diabetes. There were two types of diabetes, one being the "obese" type, a non-acute form usually occurring in females of forty to fifty-five for which a cure could almost be guaranteed if the patient had the courage and determination to keep body weight to normal by careful dieting. The other was the "thin" type, an acute form with sudden onset, occurring most frequently in young people but also in the elderly, for which there was no cure. A useful life could be maintained, however, by the use of insulin combined with an appropriate diabetic diet.

The use of free diet, depending on control with insulin with little diabetic restriction, although possibly providing less psychological disturbance, was unwise, thought Dr. Young, and a controlled diet causing less variation in blood and urinary sugar, led to an altogether better life and reduced the risk of degenerative complications. The new insulin-zinc suspensions had advantages over the earlier prolonged-acting types and 80 per cent. of patients could be controlled with the insulin-zinc suspension mixture (lente), containing 70 per cent. amorphous (semi-lente) and 30 per cent. crystalline (ultra-lente). Many unsuitable syringes with confusing calibrations had been made for insulin injection. Lack of uniformity had resulted in misunderstanding of insulin dosage and inaccuracy of insulin measurement. Dr. Young then explained the work of the British Diabetic Association from the conception of the idea in Mr. H. G. Wells's house in 1932.

Answering questions, Dr. Young said that he thought it sufficient to tell a patient to keep the syringe sterile by keeping it in industrial spirit. Boiling was not necessary and if done should be infrequent. It was necessary to modify the 30 per cent.-70 per cent. proportions of amorphous to crystalline components of the insulin zinc-suspension mixture in a small number of cases. Unlike mixtures of soluble and protamine-zinc insulin such mixtures were stable and it was unnecessary for them to be made by the patient immediately before injection. Ideally those mixtures should be made by the pharmacist, but for such work to be undertaken by retail pharmacists, an amendment of the Therapeutic Substances Regulations to include the preparation of insulin mixtures would be necessary.

OVERSEAS NEWS

SPAIN

Myxomatosis Vaccine

AN outbreak of myxomatosis has occurred in the Aragon and Navarre districts of Spain. Rabbits bred by people in their gardens or estates are being inoculated with vaccine provided free of charge by the Institute of Biology.

UNITED STATES

Record Heroin Seizure

MORE than 30 lb. heroin, worth $1,500,000 (about £500,000 sterling) on the illegal "wholesale" market, was seized in New York on November 4 by Police and Federal narcotics agents. It was described as the largest narcotics seizure in the country's history by the United States Attorney for the southern district of New York. Two men were taken into custody and charged with possession of narcotics with intent to sell.

Partial Synthesis of a Virus ?

Two research workers at the University of California claim to have accomplished "the first partial synthesis, or test tube construction, of a virus." A statement said that that might have a far-reaching influence in disease-prevention. The experiments were the first in which inert fragments of viruses were put together to form active viruses capable of causing disease. They were conducted with tobacco mosaic virus. The research workers were Drs. Heinz Fraenkel-Conrat (associate research biochemist) and Robley Williams (professor of biophysics).

AUSTRALIA

Manufacturers Form Association

A NEWLY formed Australian Association of Ethical Pharmaceutical Manufacturers held its inaugural general meeting in Sydney recently. The Association comprises leading manufacturers, importers and wholesalers of ethical pharmaceuticals and has a foundation membership of forty-three. The first executive committee of ten elected members represents three States. The officers and committee are:—*President,* Mr. G. V. Scammell (F. H. Faulding & Co., Ltd.); *Vice-presidents,* Messrs. T. J. White (Parke, Davis & Co., Ltd.), E. W. Lowe (Fawns & McAllan Pty., Ltd.); *Committee,* Messrs. S. P. Ahearn (British Drug Houses Aust. (Pty.), Ltd.), L. T. Edwards (Abbott Laboratories Pty., Ltd.), C. L. McDonald (Charles McDonald Pty., Ltd.), P. A. Smith (Burroughs Wellcome & Co. (Australia), Ltd.), A. H. Francis (Nicholas Pty., Ltd.), N. V. Kerr (Drug Houses of Australia, Ltd). All are members of the council, which also includes Messrs. W. B. Howard (Wm. R. Warner & Co. Pty., Ltd.), T. A. Martin (May & Baker Pty., Ltd.), F. M. Needham (Boots Pure Drug Co. (Australia) Pty., Ltd.), and A. K. Hobbs (Sigma Co., Ltd.), with Mr. G. M. Carr as Federal secretary. Within the association, branches have been established in South Australia, Victoria and New South Wales. The main object of the association is to ensure the maintenance of standards of quality and purity. Each member company has pledged that analysis and control of its products during manufacture shall be supervised by a chemist or pharmacist holding a recognised degree.

TREE-CROP DAMAGE IN GRENADA CAUSED BY THE HURRICANE "JANET": The photograph which has just reached London shows the typical vegetation in which the nutmeg trees grow. It is officially estimated that 95 per cent. of the island's nutmeg trees were destroyed by the hurricane while 80 per cent. of the present crop of nutmegs were believed lost. A fund to help in rehabilitation has been opened (see p. 571).

LEGAL REPORTS

Inattention

FINING Cooper, Son & Co., Ltd., Gloucester Road, South Kensington, £15, with £7 7s. costs, recently, for a breach of the Dangerous Drug Regulations, the West London magistrate said he accepted that it was a matter rather of inattention than any attempt to evade the purposes of the Act.

Attempts to Obtain Narcotics

AT Worthing, Sussex, magistrates' court, recently, Alex Emanuel Alvarez, St. Aubyn's Gardens, Hove, was fined £5 5s. for making false statements in order to obtain Dangerous Drugs. It was alleged that Alvarez on three occasions had called on doctors and given a false name and address in order to obtain certificates to secure, in all, fifty-one ½-gr. tablets of morphine sulphate. Alvarez pleaded guilty to all three charges.

Unlawful Possession

AT Stoke-on-Trent, on October 21, Albert Wilward Franklin, a coloured man, Greasley Road, Abbey Hulton, Stoke, was sent to prison for six months after being found guilty of being in unlawful possession of Indian hemp. It was stated that there was enough hemp to make forty-four reefer cigarettes when mixed with tobacco.—At Liverpool, on October 31, Hilton Radix, seaman, Hall Place, London, W.2, was sent to prison for three months after pleading guilty of being in unauthorised possession of Indian hemp.

Pethidine Theft Admitted

A STATE-REGISTERED nurse and midwife, Mrs. Mary Bruen, 20A Chapel Street, Stratford-on-Avon, was put on probation for three years by the Stratford-on-Avon bench recently on condition she entered a home for treatment. She had pleaded guilty to stealing thirteen ampoules of pethidine and unlawfully procuring Dangerous Drugs. A detective-sergeant said that the defendant was a midwife at the Monroe-Devis Hospital, Tiddington. The ampoules were kept in a locked cupboard and some, empty, could not be accounted for. Bruen admitted taking drugs.

Pharmacy Act Fine

AT West London magistrates' court, recently, Aubrey Isaac Cohen, Lydon Road, Old Town Clapham, London, S.W.4, was fined £2 10s., and ordered to pay £3 3s. costs, on being convicted of selling at Shepherd's Bush market, an ointment for corns and hard skin contrary to the Pharmacy and Medicines Act, 1941. The prosecution stated that tins of "Works Wonders paste" were being sold by Cohen without labels showing the ingredients. Cohen was further charged with selling a substance recommended as a medicine when not a doctor, dentist or authorised seller of poisons.

Unlawful Possession

AT Clerkenwell, London, magistrates' court, recently, Ah Dee She, a Chinese cook, Rathbone Street, London, W.1, pleaded guilty to having in his possession a quantity of opium without authority. On September 10 police officers with a search warrant saw the accused at his place of work and went with him to his home address, where they found four packets containing vegetable matter and opium. When analysed, the packets were found to contain 3¼ gr., 35½ gr., 24 gr. and 41 gr. of opium respectively. In view of two previous appearances before the courts, the magistrate sentenced She to six months' imprisonment.

Altered Prescription

AT Stockport borough magistrates' court, recently, Stanley Leather, 89A Old Road, Heaton Norris, pleaded guilty to obtaining 10 oz. of olive oil by a forged prescription on July 6 and endeavouring to obtain another 10 oz. on October 3. Leather was stated to have received a prescription from Dr. A M. Evans, South Reddish, for 10 oz. of the oil and to have added an "X" to the prescription. He received 20 oz. from the chemist. When he presented another altered prescription, the chemist noted the change and communicated with the doctor who had issued it. In a statement, Leather said that he suffered burns in January 1954. He had been using a lot of the oil on his arms and when he found that he could obtain a double amount of the oil, he tried the same method in October. He was placed on probation for two years.

INQUESTS

Rare Blood Disease.—At an inquest at Oxford recently, it was stated that Mrs. Joanna Adrianna Moulson, a Dutch woman married to an Englishman, had taken tablets containing amidopyrine. A doctor at the inquest said that, on the Continent, tablets containing the drug could be purchased as freely as aspirin in Britain, though in this country amidopyrine was not obtainable except through a doctor. Mrs. Moulson's death was stated to be caused by agranulocytosis, to which a small number of people were sensitive. The coroner said that, as Mrs. Moulson had bought the drug for medicinal purposes, his verdict would be death by misadventure.

Quinine Tablets Eaten by Child. — At an inquest at Blackwood, Mon, recently, on a two-year-old boy, Colin John Powell, who had died in hospital seven hours after eating quinine bisulphate tablets, the boy's mother said that at 11.30 a.m. the boy was playing with other children in the middle room of the house, and she went in to see them. She gave them chocolate from a drawer in the sideboard, and left them. When, later, she returned, she found Colin sitting on the floor eating tablets from a bottle which he had taken from the drawer. The bottle contained 5-gr. tablets of quinine bisulphate. The child showed no symptoms of illness, and continued playing happily for 2½ hours. In the afternoon he became giddy and unsteady on his feet, and when her husband came home she went for the doctor. The post-mortem showed that death was due to quinine poisoning. A verdict of death by misadventure was returned.

NEW COMPANIES

P.C.=Private Company; R.O.=Registered Office.

SQUIRES' DISPENSING CHEMISTS, LTD. (P.C.). — Capital £5,000. Directors: Maurice Steinsberg, M.P.S., E. E. Steinsberg, Joseph F. Squire and Elsie Squire. R.O.: 3 Marsden Street, Manchester, 2.

R. A. ROPER, LTD. (P.C.).—Capital £1,000. To carry on the business of wholesale or retail chemists, herbalists, etc. Directors: Alice M. Roper and Barbara M. Peskett, F.P.S. R.O.: 9 High Street, Dunmow, Essex.

MINERVA (CARDIFF), LTD. (P.C.).—Capital £10,000. To carry on the business of dental technicians, chemists, etc. Directors: Raymond Mather, Anthony J. Mather and William E. Lagcs. R.O.: 13 Fitzalan Place, Cardiff.

BROADWICK PHARMACY, LTD. (P.C.).—Capital £1,500. To carry on the business of manufacturing, wholesale and retail chemists, etc. Directors: Gertrude E. Stern, M.P.S., and Lilly T. Stern. R.O.: 18 Broadwick Street, London, S.W.1.

SPRINGFIELD PARK (CHELMSFORD) CHEMISTS, LTD. (P.C.). — Capital £5,000. To acquire the business of chemists carried on at 110 Byron Road, Chelmsford. Directors: Ernest W. Griffin, Irene D. Carter, and Isobel F. G. Simpson, M.P.S.

F. V. BROWN & CO., LTD. (P.C.). —Capital £1,000. To acquire the business of chemist and druggist carried on as "Salt & Brown." Directors: Frederick V. Brown, M.P.S., Marion Brown, Fred Brown and Evelyn Blackhurst. R.O.: 41 High Street, Buxton, Derbys.

L. E. PAGE (CHEMIST), LTD. (P.C.).—Capital £5,000. To carry on the business of wholesale, manufacturing and dispensing chemists and druggists, opticians, etc. Directors: Lionel E. Page, M.P.S., and Gertrude V. Hole. R.O.: 15 Commercial Road, Portsmouth.

E. IBBOTSON, LTD. (P.C.).—Capital £6,000. To acquire the business at 3 Falconwood Parade, The Green, Welling, and to carry on the business of manufacturing, wholesale, retail, and dispensing chemists, etc. Subscribers: E. Ibbotson, M.P.S., and A. D. Urquhart, M.P.S.

WILCOX, JOZEAU & CO., LTD. (P.C.). — Capital £25,000. To acquire the business of Wilcox, Jozeau & Co., Ltd. (incorporated June 1894, now in voluntary liquidation) and to carry on the business of chemists, druggists, dentists, opticians, and general merchants, etc.). Directors: Charles J. Comins, John S. Fyffe, M.P.S. (directors, Pastilval, Ltd.). R.O.: 74 White Lion Street, London, N.1.

BUSINESS CHANGES

JACOBSON VAN DEN BERG & CO. (U.K.), LTD., have removed to 3 Crutched Friars, London, E.C.3.

THE business of J. Cross & Co., 83 Oxford Road, Reading, has closed following the retirement of the owner, Mr. F. W. Vasey, M.P.S.

BRANCH AND ASSOCIATION MEETINGS

JERSEY

Recent Advances in Medicines

AN account of some recent advances in medicines was given to the Jersey Branch of the Pharmaceutical Society at its meeting in St. Helier on October 18 by DR. ROBERT FORGAN, M.D., D.P.H. (medical consultant to May & Baker, Ltd.). Dr. Forgan discussed the tranquillising drugs, the antibiotics, the anti-malarial drugs, Mepacrine and Chloraquine, and the antihistamine drugs, emphasising the use, by topical application, of the latter in the early treatment of burns, due to their preventing both loss of serum and the formation of a soggy mass. Dr. Forgan concluded his address by giving an account of Largactil (chlorpromazine).

NORTH LONDON

Current Pharmaceutical Topics

A REVIEW of the various aspects of the work of the Pharmaceutical Society's Council was given to the North London Pharmaceutical Association at its meeting on October 18 by Mr. J. C. Bloomfield (a member of the Society's Council). Mr. Bloomfield said that resolutions sent in by Branches were discussed and forwarded to the appropriate committee for further examination and investigation before a final decision was taken. The Education Committee was considering a revision of the system of scholarships and prizes in view of recent results. The History of Pharmacy Committee was considering the formation of a collection of old "patent medicines" and appealed to members to send anything along that they think might prove interesting or useful to such a collection.

PORTSMOUTH

Polio and the Salk Vaccine

SPECIMENS taken from London schoolchildren aged five to six years showed that 60 per cent. had had non-paralytic polio in a small way, said MR. S. KEEBLE (Glaxo Laboratories, Ltd.), addressing a meeting of the Portsmouth Branch of the Pharmaceutical Society on October 25. Mr. Keeble, who was speaking on "Polio, with reference to the Salk vaccine," said that there were three types of polio virus, and in type I (the paralytic type) the virus was so small that it could only be seen with an electron microscope. There was no chemotherapeutic agent yet known of any value in treating the infection. The polio virus could only be cultured in living cells, and the best medium for its incubation had been found to be minced monkey kidney; extreme care was necessary throughout the production of the vaccine, which was carried out under sealed conditions. A strict watch was kept throughout for the presence of tubercular bacillus, and all the monkeys used were tuberculin tested. After assay the vaccine had to be stored at 4° C. and upon issue must be used almost immediately. The immunising course consisted of three doses, two at seven-day intervals, and the third preferably four months later; that would give immunity of approximately eighty per cent. for about two years. Mr. Keeble illustrated his talk with lantern slides showing the various stages in production.

BRISTOL

Joint Meeting with N.P.U.

A JOINT meeting of members of the Bristol Branch of the Pharmaceutical Society with the local Branch of the National Pharmaceutical Union on October 27 was addressed by MR. W. TALVAN REES (chairman of the N.P.U. Executive). Mr. S. G. Tydeman (a member of the Statutory Committee of the Society) was in the chair. MR. REES stressed the advantages to pharmacists of belonging to the organisations, i.e., the Chemists' Mutual Benefit Society, which had been developed for their use. Questions were asked regarding the difficulties of conducting statistical inquiries into aspects of pharmacy. It was stated that certain selected proprietor-chemists were able to furnish the necessary figures as readily as the companies, but selection would invalidate any inquiry which depended on a true statistical sample. Concern was expressed at the present state of affairs regarding the entry of new members to pharmacy. It was stated that applicants were few and a large proportion were trained in one facet of retail pharmacy. The type of education of entrants (the term apprentice, it was said, would appear to have lost caste) was a matter of great importance. In manufacturing and hospital pharmacy, which required an extensive knowledge of basic principles, the training could be readily linked to the existing educational systems up to and on university level. A retail pharmacist required for efficiency a different outlook and bias to be acquired and developed best in contact with day to way work in a pharmacy. That should, of course, be supplemented by formal training at an educational establishment.

MANCHESTER UNIVERSITY

Pharmacy department prize-giving

PRIZES in the department of pharmacy, Manchester University, were presented at the department's prize-giving on October 12 by Miss I. Roberts, M.Sc., F.P.S. As well as the prize distribution, a medal was presented by Miss M. Miller, to be awarded annually and to be known as the Thomas Miller medal, in memory of the lifetime of service to pharmacy rendered by the late Thomas Miller. Two presentations were also made to Miss I. Roberts on the occasion of her retirement, one by past students and staff of the University, and the other by members of the council of the Manchester Pharmaceutical Association, and Branch of the Pharmaceutical Society.

Addressing the students, MISS ROBERTS spoke of the many happy memories she would always have of the years spent at the University. She compared the present pharmacy department with conditions during her student days and pointed out that future changes both in the department and in the curriculum would depend on the students now training and on those just qualified; it would be their job in the future to improve and develop pharmacy.

An address was then given to the students by MR. J. TOMLINSON (president of Manchester Pharmaceutical Association). He spoke about pharmaceutical organisations in the district with particular reference to the Association and its junior branch. He spoke of the advisability of the young pharmacist attending the meetings of his local Branch of the Society and making himself and his opinions known. It was the moral duty of the pharmacist to make some positive contribution to his profession.

PROFESSOR H. BRINDLE (formerly Dean of the Faculty of Pharmacy at the University), presenting the report of the department for the session 1954–55, said that for the fifty-six places available there were 254 applications by the end of July 1954 and 284 by the end of July 1955. It was obvious that there was no indication of a falling off in the number of eligible students who wished to enter pharmacy. Professor Brindle said he could not feel any enthusiasm for schemes for popularising pharmacy as a profession. There was a plentiful supply of well-educated boys and girls who were prepared to take up pharmacy as a career. The chief difficulty which those who were concerned with recruitment for pharmacy had to contend with, was not a shortage of applicants but the reluctance of pharmacists in retail practice to accept trainees either for post- or pre-graduate training. The problem was a complicated one, but he felt that a solution must be found if private practice was to survive. In July 1955 nineteen students graduated as B.Sc. (Pharmacy); and five graduated in the honours pharmacy school; three specialised in pharmaceutics and two in pharmacology; twelve passed the Pharmaceutical Chemist Qualifying examination; one student graduated as M.Sc and two as Ph.D.

The following fellowships and scholarships were awarded:—*I.C.I. Fellowship,* Dr. S. N. Sharma; *Kerfoot Scholarship,* E. G. Bain; *Woolley Scholarship,* R. G. Atkinson; and *Alfred Lucas Blain Award,* M. R. W. Brown.

The research laboratories which had been damaged by fire were in use again and all the twelve research laboratories in the department were in full occupation. Research on numerous subjects was proceeding and four research papers were published during the year. A further grant of £1,000 was received from the Pharmaceutical Society and was being expended in special apparatus.

MARRIAGES

MUNRO—NEILL.—At Links Hotel, Brora, Sutherland, on October 29, Hendry Bruce MacDonald Munro, M.P.S., Thurso, to Margaret MacGregor Neill, S.R.N., Stirling.

PRINGLE—BALLANTINE.—At St. Luke's Church, Broughty Ferry, Angus, on November 9, Robert Pringle, Galashiels, to Mary Isabella Ballantine, M.P.S., 345 Queen Street, Broughty Ferry.

STEPHEN—WEIR.—At Netherhall, Largs, on November 5, William Gordon Stephen, of 7 Woodburn Avenue, Clarkston, Glasgow, to Mary Ferguson Weir, M.P.S., 32 Kingsborough Gardens, Glasgow, W.2.

DEATHS

BOULTON.—Recently, Mr. Jesse Boulton, M.P.S., 1 Marine Parade, Hythe, Kent. Mr. Boulton qualified in 1899. He was for many years in business in Guildhall Street, Folkestone. He retired in 1944.

BROWN.—Recently, Mr. David Brown, M.P.S., 220 Freeman Street, Grimsby, Lincs. Mr. Brown qualified in 1914.

BRITTON. — At Eastbourne on November 10, Mr. Alfred Brook Britton, F.P.S., 6 Burlington Court, Burlington Place, Eastbourne, Sussex, aged seventy-eight. Mr. Britton was founder director of Britton, Malcolm & Co., Ltd., London, S.E.1. After passing the Pharmaceutical Chemist examination in 1900, he spent a few years in retail, subsequently joining S. Maw, Son & Sons, Ltd. In 1921, with Messrs. Malcolm and Waymark, he founded the firm now known as Britton, Malcolm & Co., Ltd.

CAMPBELL.—At the Victoria Cottage Hospital, Abergavenny, on November 3, Mr. Robert Spencer Campbell, M.P.S., 80 St. Helens Road, Abergavenny, aged seventy-six.

JONES.—On November 8, Mr. Ivor Jones, M.P.S., The Coombes, South Road, Liverpool, 19, aged forty-four.

MARTIN. — On November 7, Mr. William Francis Martin, M.P.S., F.R.I.C., 27 Shandon Crescent, Edinburgh, 11, Midlothian, aged seventy-nine. Mr. Martin was a native of Banffshire and joined T. & H. Smith, Ltd., as an apprentice in 1890. He qualified as a chemist and druggist in 1897 and was for a time in charge of the pharmaceutical department of that company before assuming control of the general alkaloids department. He was co-author of several papers on the extraction and isolation of natural products. After his retiral in 1938 he continued to take an interest in various investigations including work recently published on the minor alkaloids of nux vomica.

THOMSON.—Recently, Miss Janet Anderson Thomson, M.P.S., Pinetrees, Campfield, Glassil, Aberdeens. Miss Thomson qualified in 1920. She was for thirty-one years a pharmacist at Warrington Hospital, becoming latterly chief pharmacist. She retired two years ago and for the past year had managed a chemist's shop in Montrose.

PERSONALITIES

MR. F. W. VASEY, M.P.S., proprietor of J. Cross & Co., 83 Oxford Road, Reading, has retired at the age of eighty-seven.

MR. JOHN S. STEWART, M.P.S., Auchterarder, Perths, was recently presented with an inscribed silver cigarette case by the Perthshire Pharmacists' Association, to mark the occasion of his sixty-five years in pharmacy.

MR. MAGNUS CLARK (chief pharmacist, Chester Royal Infirmary) and MR. ERNEST SHUFFLEBOTHAM (assistant pharmacist), are retiring soon. Mr. Clark, who is sixty-four years of age, has been at the Infirmary for more than thirty years. Mr. Shufflebotham is eighty years of age. Born in Newcastle, he qualified in 1904 in London and began his working career in his home town. He has been at the Royal Infirmary for sixteen years.

MR. PETER BEAUCHAMP, who is an assistant market information officer of Menley & James, Ltd., has won a prize of £500 awarded by the British Export Trade Research Organisation and the Royal Society of Arts for the best essay received on market research in export markets. The prize was presented to Mr. Beauchamp at the end of a one-day conference on market research held in London on November 15. He is using the money to defray the costs of a market research tour to a selected market and proposes to visit Jamaica and Trinidad, where he can study the problems of the pharmaceutical industry. Mr. Beauchamp joined Messrs. Menley & James as a trainee in 1948 and after a year in the buying department went to the market information section. About a year ago he was transferred to the export department to gain wider knowledge and returned to market research a few weeks ago as assistant market information officer.

DR. BRUNO UHL who celebrated his sixtieth birthday on November 12 is retiring from his position as director and chairman of the board of directors of Agfa A.G., Leverkusen, Germany, on December 31. At the beginning of his career Dr. Uhl was apprenticed to a chemist in Wiesbaden. He joined Farbenfabriken Bayer, Leverkusen, in May 1921 as deputy head of the photographic department. He was later appointed director of Camera Works Heinrich Rietzschel in Munich which was transferred to the Bayer Organisation and in 1931 was appointed director and manager of the German Agfa Organisation. In 1945 Agfa Leverkusen, still under Allied control, was re-established with Dr. Uhl as head of the entire Organisation. He was elected first chairman of the Society of German Photographic Industry in the same year. In honour of the fiftieth anniversary of the Society of German Photographic Industry the President of the German Federal Republic (Mr. Heuss) decorated Dr. Uhl with the Grand Cross of the Federal Republic of Germany. This year Dr. Uhl was elected honorary chairman of the Society during their yearly conference.

BRITISH STANDARDS INSTITUTION

Annual Report

THE recently published annual report of the British Standards Institution for 1954–55, contains in about two hundred and forty pages a review of the wide range of activity which the Institution now embraces. The introductory general report refers to two fields, codes of practice and consumer goods, in which the Institution has recently extended its activities and for which two new councils have been set up. A new section of the divisional reports is devoted to the work of the council for codes of practice. The advisory council on standards for consumer goods has only been in effective action for a few months and has not as yet issued a report on its work, but the background to its creation and the problems with which it is to deal are set out in the general report. The accounts of international committees are contained in a separate section.

The largest section of the report is concerned with the projects for British Standards which have been under consideration during the year by some sixty major industries. That section includes notes on some of the more important standards issued during the year and on significant developments which have taken place on other projects. Mentioned in that section are the revision of B.S. 1319, which refers to medical gas cylinders, to recommend the use of the flush-fitting pin-type valve as a safety precaution against the coupling up of a wrong gas cylinder; work on standard methods of testing disinfectants, including aerosols and gaseous disinfectants, quaternary ammonium compounds and biological suspension tests; the publication of a standard, B.S. 2474, for preferred nomenclature of chemicals for use in industry; work on the analysis of oils and fats (revision of B.S. 684), and on essential oils and glycerin, on the methods for the biological assay of vitamin D_3 by the Chick method (revision of B.S. 911) and for the analysis of glycerin, and the revision of B.S. 909 relating to vitamins A and D in oil. Preparation of a further list of common names for pest control products is stated to be continuing, and work is in hand on a number of items of hospital and industrial equipment made of rubber. Work is in progress on recommendations for laboratory furniture and equipment and scientific glassware, including pharmacists' measures and burettes, blood sedimentation measuring tubes, microchemical apparatus and various types of thermometers. Work is also in hand on various surgical instruments and appliances, including hypodermic syringes and needles. The packaging code is stated to be nearing completion, and work is in hand on personal safety equipment for use in industry.

The report is obtainable from 2 Park Street, London, W.1, price 5s.

MACHINERY AND PLANT

Conduit Forming.—Forming dies to bend 2½ in. and 3 in. electrical conduits without undue distortion are available from Chamberlain Industries, Ltd., Staffa Works, Staffa Road, London, E.10.

Stacker with Narrow Support Legs.—Matling, Ltd., 28 Caxton Street, London, S.W.1, are marketing battery-powered stackers with a lift height of 6 ft. or 7 ft. 6 in. without any increase in the overall width of the support legs. Capacities of 1,000 lb. or 2,000 lb. at 20 in. load centres are available. With support legs only 18 or 20½ in. apart, the stackers may be used with the narrowest stillages and pallets.

Heat-transfer Apparatus.—In a new factory and laboratory at Dukes Road, Western Avenue, London, W.3, shown recently to a party of 100 visitors, A. Johnson & Co. (London), Ltd., produce apparatus for Votator closed-system heat-transfer processing. The apparatus is designed for functions such as heating, cooling, emulsifying, mixing, aerating, extruding and flaking. Chemical processes involving polymerisation, sulphonation, sulphation, nitration, saponification, neutralisation and crystallisation can be carried out advantageously in Votator apparatus. Many chemical reactions can be carried out continuously. Turbulent agitation insures intimate contacting of reactants. Materials can be quickly heated—frequently beyond permissible limits imposed by batch methods—to more than 600° F. and cooled to temperatures lower than minus 100° F. Metals of construction may be carbon steel, nickel, stainless steels, or special alloys.

Rapid-loading Trucks.—Specially designed for rapid loading or unloading from conveyors, the platform of the Sherpa III hand-operated lifting truck can be rapidly raised or lowered to allow quick movement of packages or trays at the end or the beginning of a conveyor line, and for general use in the movement of crates, bins, barrels, etc. The truck is stressed to withstand 2½ times its maximum working load. The sliding forks or platform move up and down a vertical channel on ball bearings, and power is transmitted to enable the load to be raised or lowered by means of a hydraulic pump, which is hand-operated. The pump is a patented self-contained unit and designed with two speeds giving rapid lift to light loads or raising the platform when empty, at the same time arranged for less physical effort when heavy loads are lifted. The overall width of the truck enables it to be negotiated through narrow gangways or turned on the radius of its length from back to front. The makers, Salisbury Precision Engineering, Ltd., 1 Buckingham Palace Mansions, London, S.W.1, have produced their first electrically-operated truck in the Sherpa range: the Sherpa IV electric stacker. It is powered by a 12-volt motor and gives sixty lifts with full load from each recharge.

NEW PRODUCTS AND PACKS

Bacitracin-tyrothricin Ointment. — Merck-Sharp & Dohme, Ltd., Hoddesdon, Herts, announce the release of Tyrotrace ointment for the treatment of pyogenic dermatoses and other skin infections. The product is issued in a ½-oz. tube.

Composite Oral Therapy for T.B.—Geigy Pharmaceutical Co., Ltd., Rhodes, Middleton, Manchester, have introduced a speciality, Tebafen tablets, each containing 40 mgm. isoniazid and 10 mgm. nicotinaldehyde thiosemicarbazone. The two drugs are stated to have a synergistic action. Tebafen tablets are issued in containers of 100 and 1,000 tablets.

Expectorant Linctus. — Piriton maleate (see *C. & D.*, November 12, p. 547) is available as an expectorant linctus containing 2 mgm. with 100 mgm. of ammonium chloride and 44 mgm. of sodium citrate, plus flavouring agents, in each teaspoonful, as well as in tablets and as injection solution as previously mentioned. The linctus is supplied in bottles of 4 fl. oz. and 2 litres. The makers are Allen & Hanburys, Ltd., Bethnal Green, London, E.2.

Cough Syrup Released.—Roche Products, Ltd., 15 Manchester Square, London, W.1, announce that supplies of Romilar cough suppressant were being withheld pending the issue of a Statutory Instrument exempting it from the requirements applying to S.1. poisons. Unfortunately, that is, as yet, not operative, but the product is being featured at the London Medical Exhibition (see p. 579); prescriptions and orders will follow and thereby cause inconvenience if supplies are still withheld. The company is, therefore, releasing Romilar labelled to comply with S.1.

New Antibiotic Preparations.—John Wyeth & Bro., Ltd., Clifton House, Euston Road, London, N.W.1, announce the introduction of three new antibiotic preparations. Penidural-sulphas is a combination of benzathine penicillin with sulphadiazine, sulphamerazine and sulphadimidine. The product, which is available in tablet and suspension form, is active against a wide range of commonly occurring pathogens and is indicated for prompt treatment of acute infections, particularly those occurring in the upper respirator or lower urinary tract. The fruit-flavoured suspension is supplied in bottle of 50 c.c., the tablets in bottles of twenty and 250. Penidural oral drops have been introduced for the easy and effective penicillin treatment of infants. It is marketed in bottle of 10 c.c. (with dropper calibrated to deliver 100,000 units). Streptets are pleasantly-flavoured triple antibiotic troches—polymixin B sulphate, neomycin and zinc bacitracin—for the local treatment of mouth and throat infections. They are packed in bottle of twenty.

TRADE NOTES

An Additional Size.—British Schering, Ltd., 229 Kensington High Street, London, W.8, have introduced a 500-capsule pack of Oblivon.

Range of Health Lamps. — Pifco, Ltd., Watling Street, Manchester, 4, do a complete range of health lamps including the Sunmaster combined ultra-violet and infra-red medical certificate models, the Sunlamp medical certificate and non-medical certificate models, and the infra-red and radiant heat lamp medical certificate and non-medical certificate models.

Obsolete Prices Advertised.—Evanol, Ltd., Highbury, London, N.5, state that pre-Budget prices of Evanol brighteners were inadvertently included in the company's announcement in the November 12 issue of this paper. The correct prices are 3s. 2d.; 5s. 6d.; 19s. and 32s. for the 1-oz., 2-oz., 10-oz. and 20-oz. sizes respectively.

Supplies for Antarctic Expedition.—Duncan, Flockhart & Co., Ltd., 104 Holyrood Road, Edinburgh, 8, have supplied the Trans-Antarctic Expedition with supplies of their local anæsthetic Xylocaine. — Neatex Products, Ltd., Wern Mills, Queensferry, North Wales, state that their Satinex toilet rolls are being supplied to the Trans-Antarctic Expedition. The first consignment was shipped with the advance party which left London on November 14.

Bonus Offers

Beecham Foods, Ltd., Beecham House, Great West Road, Brentford, Middlesex. Quosh. One bottle free with order for one doz. November 14 to December 9.

Dae Health Laboratories, 17 Berners Street, London, W.1. Valderma soap. Half doz. free with every order for two-and-a-half doz. Until December 9.

SHAVERS FOR ANTARCTIC EXPEDITION: Left, Captain Harold Maro, Master of the British Antarctic Expedition ship "Theron," receives a Remington Super 60 shaver. Right: A case of shavers goes aboard for other members of the party. The shavers will operate from the base-camp generators.

Wider Scope for Drug Manufacturers?

POINTER BY SIR CHARLES DODDS AT MEDICAL EXHIBITION

THE elimination by antibiotics of the "killing" diseases was opening up to the manufacturers of pharmaceutical products the wider field of the irritating but non-lethal diseases, said SIR CHARLES DODDS (Courtauld professor of biochemistry, London University), opening the London Medical Exhibition on November 14.

Sir Charles said that diseases such as the common venereal diseases had been almost completely wiped out; in fact an American journal devoted to those diseases had ceased publication. That revolution in therapeutics was changing the structure of the community to an elderly one and an increasing clientele with irritating minor illnesses.

First Showings

Products given their first showing at a London Medical Exhibition (not necessarily in these pages) included:—

Aerosol Therapy: ALEVAIRE is a detergent aerosol for inhalation therapy (*Bayer Products, Ltd.*).

Allergenic Preparations: Nearly 1,000 allergenic preparations including skin-testing solutions and desensitising solutions and pollen vaccines are available (*C. L. Bencard, Ltd.*).—POLLODOM combines pollen and house dust antigens for the hyposensitisation of patients subject to hay fever (*Duncan, Flockhart & Co., Ltd.*).

Analgesics: DAPRISAL is a general analgesic which combines amylobarbitone, Dexedrine, aspirin and phenacetin in one tablet (*Menley & James, Ltd.*).—PIPADONE, a new synthetic morphine-like analgesic, having a sedative and hypnotic action with low side-effects, is supplied in boxes of twelve 1 c.c. ampoules each containing 25 mgm. (*Burroughs Wellcome & Co.*).

Treatment of Angina: PENTOXYLON combines pentaerythritol tetranitrate with Rauwiloid. It is long acting (*Riker Laboratories, Ltd.*).

Antacids: ALIMEX is now available in tablet form. Each tablet contains gelax. alum. hydrox. sicc. B.P.C., gr. 10; mag. trisil. B.P., gr. 1½; mag. oxid. pond. B.P., gr. ¾; ol. menth. pip. B.P. min 1/40 (*Boots Pure Drug Co., Ltd.*).—A new presentation, in tablet form, of Aluphos aluminium phosphate gel, for the control of hyperacidity, is offered by ALUPHOS tablets (*Benger Laboratories, Ltd.*). — BISLUMINA, a compound bismuth aluminate cream for the treatment of peptic ulcer, is being marketed for the first time on January 16 (*Bismuth Research—Mining & Chemical Products, Ltd.* Marketed by *C. J. Hewlett & Son, Ltd.*).—STYRION (polyaminostyrene), a new antacid, is an acid-binding resin which reduces gastric acidity to normal. It is issued in boxes containing four rolls of ten tablets (*Glaxo Laboratories, Ltd.*).

Anti-asthmatic: A new compound for the symptomatic relief of asthma, AMINOMED COMPOUND tablets contain theophylline sodium glycinate, ephedrine hydrochloride and amylobarbitone (*Medo-Chemicals, Ltd.*). — ISOBRONCHISAN tablets provide two phase asthma therapy. The outer layer of the tablet contains quick-acting isopropyl-nor-adrenaline which is absorbed sublingually. The inner section contains ephedrine and theophylline for prolonged action (*Silten, Ltd.*).—ORTHOXINE is a sympathomimetic agent for the prevention and treatment of bronchial asthma. It is available in bottle of twenty-five 100-mgm. tablets (*Upjohn of England, Ltd.*).

DISPLAYED FOR THE FIRST TIME AT A LONDON MEDICAL EXHIBITION: Piriton (injection and expectorant linctus) (Allen & Hanburys, Ltd.); Compocillin (Abbott Laboratories, Ltd.); Elixir of Peptone and sterile umbilical tape (Armour Laboratories (Armour & Co., Ltd.)).

Antibiotics: ACHROMYCIN (tetracycline) is now available in the form of a syrup (*Lederle Laboratories Division, Cyanamid Products, Ltd.*). — Threaded capsules containing chloramphenicol, 125 mgm., in finely milled powder, are offered for use with the Armour powder insufflator for ear insufflation (*Armour Laboratories* (*Armour & Co., Ltd.*)). — COMPOCILLIN hydrabamine penicillin is a new oral form of penicillin (*Abbott Laboratories, Ltd.*).—CHLORSTREPTIN palatable suspension contains in each teaspoonful (4 mils) 125 mgm. chloromycetin palmitate and 125 mgm. dihydrostreptomycin. It is particularly suitable for children (*Parke, Davis & Co., Ltd.*).—DISTAQUAINE V (phenoxymethyl penicillin) is a new oral form of penicillin. It is issued in bottles of thirty, 200 and 1,000 60-mgm. tablets (*Distillers Co.* (*Biochemicals*), *Ltd.*). — ERYTHROCIN tablets in a new strength of 250 mgm. and now as Filmtabs (*Abbott Laboratories, Ltd.*).—ESKACILLIN 200 sulpha contains 200,000 units penicillin and

Aluphos (Benger Laboratories, Ltd.); Dipasic (Bengué & Co., Ltd.); Alimex, Delta-Stab, Neomycin ointment and eye ointment, polyantibiotic, root canal cream (Boots Pure Drug Co., Ltd.); Ancoloxin (The British Drug Houses, Ltd.).

0·5 gm. sulphadimidine in each teaspoonful. The other strength available contains 100,000 units penicillin per teaspoonful (*Menley & James, Ltd.*).—MIXTAMYCIN solution (streptomycin sulphate and dihydrostreptomycin sulphate) is now available in a new strength of 1 gm. in 4 mils as well as 1 gm. in 3 mils (*Distillers Co. (Biochemicals), Ltd.*). — NEOMYCIN is supplied as a 0·5 per cent. ointment in 30-gm. tube and a 0·5 per cent. eye ointment in 4-gm. tube (*Boots Pure Drug Co., Ltd.*). — NYSTATIN, which will be available from November 21, is a broadly effective anti-fungal antibiotic derived from *Streptomyces nourei*. It is indicated in the prevention and treatment of intestinal moniliasis and is available in 500,000 unit tablets in bottles of twelve and 100 (*E. R. Squibb & Sons*).—A change in the structure of the penicillin molecule renders PENICILLIN V phenoxymethylpenicillin Pulvules impervious to gastric secretion when taken by mouth; each 125 mgm. Pulvule contains 200,000 units of penicillin V, the average dose being one three times a day (*Eli Lilly & Co., Ltd.*).—A new broad-spectrum anti-bacterial preparation, PENIDURAL-SULPHAS, combines an oral benzathine penicillin with sulphadiazine, sulphamerazine and sulphadimidine (*John Wyeth & Bro., Ltd.*).—POLYANTIBIOTIC root canal dental cream is supplied in one-application tubes (*Boots Pure Drug Co., Ltd.*).—STREPOLIN injection of streptomycin sulphate is now available in cartridges for doctors using disposable-cartridge type syringes (*Glaxo Laboratories, Ltd.*).—Streptomycin sulphate (stabilised) is a new product therapeutically identical to streptomycin but with the addition of a stabilising agent which prevents discoloration developing in solution (*Distillers Co. (Biochemicals), Ltd.*). — STREPTETS triple antibiotic troches contain zinc bacitracin, polymyxin B sulphate, and neomycin sulphate (*John Wyeth & Bro., Ltd.*).

Anticoagulant: A coumarin derivative for oral use as an anticoagulant in thromboembolic conditions, SINTHROME is available as 4-mgm. tablets in packs of twenty, 200 and 1,000 (*Geigy Pharmaceutical Co., Ltd.*).

Antihistaminic: PIRITON is chlorprophenpyridamine maleate with an effective dose one-tenth to one-fiftieth that of most other antihistaminics. It is available as tablets for the treatment of allergies and as an injection for the prevention and treatment of reactions due to penicillin, other parenteral medications and blood transfusions (*Allen & Hanburys, Ltd.*).

Anti-nausea Preparation: ANCOLOXIN tablets of meclozine dihydrochloride and pyridoxine hydrochloride are indicated for the relief of nausea and vomiting of pregnancy, and in travel sickness (*The British Drug Houses, Ltd.*).

Antiseptic: HIBITANE (chlorhexidine) is an antiseptic and bactericide which at low concentrations is active against a wide range of both Gram-positive and Gram-negative organisms. It is available as powder, concentrate, antiseptic cream and obstetric cream (*Imperial Chemical (Pharmaceuticals), Ltd.*).

Anthelmintic: ENTACYL piperazine adipate is now available in a pink, raspberry-flavoured suspension containing 300 mgm. per ½ teaspoonful, in bottle of 8 fl. oz. (*The British Drug Houses, Ltd.*).

Apparatus: The theatre suction pump is fitted with a large dial for remote control. The SV9 low suction pump provides a maximum vacuum of 12 in. of mercury (*Aerosol Products, Ltd.*).—A new combined oxygen regulator-flowmeter, with or without a pressure gauge, is supplied with various fittings including the pin-index yoke fitting (British Standards Code of Practice 1319: 1955) and a new polyethylene oxygen therapy mask is shown (*Airmed, Ltd.*). — A new and simpler Viule syringe is now available. It is equipped for aspirating and has a detachable mount which may be Luer, record or dental type. Only Viules of penicillin and streptomycin are at present available for aspirating (*Boots Pure Drug Co., Ltd.*). — The pin-index safety system of non-interchangeable valves for medical gas cylinders, in accordance with the British Standards Code of Practice 1319: 1955, is available for cylinders up to and including 20 cu. ft. capacity; the Polymask is a gas inhalation face-piece in polyethylene; and complete sets of equipment for the new technique of intra-gastric oxygen are available (*British Oxygen Company, Ltd.*).—The ELMED range of ultra-violet, radiant heat and infra-red ray lamps can be hired for long or short periods (*Electro-Medical Hire, Ltd.*). — The WILSON staining jar is made of polythene, has a screw-on lid, and holds ten microscope slides (*George T. Gurr, Ltd.*). — The ELYSIUM postal transit microscope slide holder holds two 3-in. x 1-in. slides (*George T. Gurr, Ltd.*).—OXOID membrane filters made by Courtaulds, Ltd., are used for the rapid bacteriological examination of water and sewage and for the filtration and sterilisation of pharmaceutical fluids. They are made of cellulose acetate (*Oxo, Ltd. (Medical Department.)*).—The PYE automatic titrator is claimed to perform routine titrations with greater accuracy and rapidity than can normally be obtained by experienced chemists (*W. G. Pye & Co., Ltd.*).—A range of all-glass nebulisers, insufflators and sprays is shown. It includes the Mayfair continuous-flow nebuliser for aerosol therapy (*Savory & Moore, Ltd.*).—The ATMOZON type F electric suction pump creates a vacuum of 29 in. mercury, is silent running and has maximum safeguard against explosion (*Silten, Ltd.*).

Body-weight Control: A new substance for controlling the appetite, without causing fatigue, depression or other mental effects, is contained in PRELUDIN tablets, supplied in tube of twenty and bottle of 250 (Manufactured and distributed by *Pfizer, Ltd.*, for *C. H. Boehringer Sohn*).

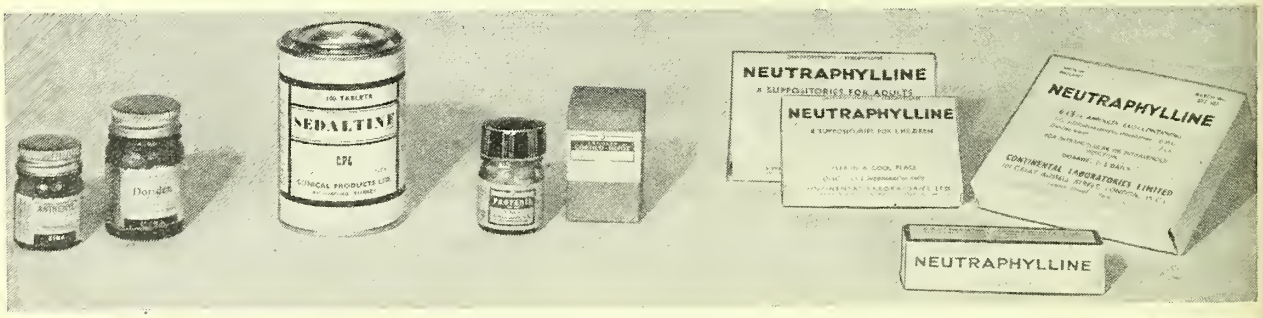
Chilblain cream: THERMONA analgesic cream, for the speedy and prolonged relief of chilblains, incorporates Dilatal vasodilator, and is packed in 20-gm. tube (*T. J. Smith & Nephew, Ltd.*).

Colonic Actuator: VERIPAQUE is a new colonic actuator for use with barium enemata (*Bayer Products, Ltd.*).

Common Cold Treatment: A new approach to the treatment of the common cold, by vasodilation instead of vasoconstriction of the nasal mucosa, is provided by DILACOL tablets, which contain, as well as Dilatal vasodilator, propyl salicylamide and quinine hydrochloride. The tablets are supplied individually wrapped, in carton of twenty-four (*T. J. Smith & Nephew, Ltd.*).

Containers: Medicine droppers and drop-bottles with silicone rubber teats, which withstand constant re-sterilisation, are available (*Esco (Rubber), Ltd.*).

Cortisone Preparations: The synthesis of cortisone in Great Britain by a new process devised jointly with the National Institute for Medical Research and the manufacturers of CORTELAN cortisone and EFCORTELAN hydrocortisone has resulted in large-scale production of those substances and their



Antrenyl duplex, Doriden (Ciba Laboratories, Ltd.); Sedaltine (Clinical Products, Ltd.); Profenil, Cortico-Depôt (The Crookes Laboratories, Ltd.); Neutraphylline preparations (Continental Laboratories, Ltd.).

Distaquaine V (The Distillers Co. (Biochemicals), Ltd.); Tebafen (Geigy Pharmaceutical Co., Ltd.); Styrion, Efcortelan skin ointment No. 2, Cortelan and Efcortelan (Glaxo Laboratories, Ltd.); Siopel (Imperial Chemical (Pharmaceuticals), Ltd.); Syl (Lloyd-Hamol, Ltd.); Achromycin (Lederle Laboratories Division, Cyanamid Products, Ltd.); Valmid and penicillin V (Eli Lilly & Co., Ltd.).

preparations. Most recent additions are EFCORTELAN skin ointments and skin lotion (½ and 1 per cent.). The ointments are packed in a special plain carton for dispensing, having an overprinted sleeve (*Glaxo Laboratories, Ltd.*) — A long-acting corticotrophin, CORTICO-DEPOT, is available in 5-c.c. rubber-capped vials of 100 i.u. (*The Crookes Laboratories, Ltd.*).—Cortisone and HYDROCORTONE formulations manufactured in Great Britain (*Merck-Sharp & Dohme, Ltd.*). — Decortisyl (prednisone) is a new cortisone derivative that is claimed to be about four times more potent than cortisone. It is supplied in bottle of thirty 5-mgm. tablets (*Roussel Laboratories, Ltd.*).—DELTA-CORTEF is δ-l-hydrocortisone (prednisolone). It is about three times more potent than hydrocortisone and is supplied in bottle of thirty 5-mgm. tablets (*Upjohn of England, Ltd.*).—A range of hydrocortisone preparations includes DELTA CORTRIL oral tablets, and TERRACORTRIL eye drops and eye ointment combining hydrocortisone and Terramycin (*Pfizer, Ltd.*).—DELTA-STAB (prednisolone) is δ-l-hydrocortisone. It is supplied in bottle of thirty 5-mgm. tablets (*Boots Pure Drug Co., Ltd.*). — FLORINEF is fluorohydrocortisone. It is available as ointment (0·1 per cent.) and lotion (0·1 per cent.). They are indicated in the treatment of dermatological conditions. Available only through hospitals (*E. R. Squibb & Sons*).—HYDROCORTISYL skin lotion contains 1 per cent. hydrocortisone in true solution. Hydrocortisyl skin ointment contains 1 per cent. or 2·5 per cent. hydrocortisone in true solution (*Roussel Laboratories, Ltd.*).

Cough Preparations: BROMODEINE is the new name for Crookes bromoform Co. (*The Crookes Laboratories, Ltd.*). —FOLCOVIN is a new preparation for the relief of unproductive cough (*Rybar Laboratories, Ltd.*). — Orthoxicol cough syrup contains Orthoxine, codeine phosphate and sodium citrate and is claimed to possess outstanding bronchodilatory, decongestive and antispasmodic properties (*Upjohn of England, Ltd.*). — PHOLCOMED pastilles incorporate a powerful cough suppressant, pholcodine combined with papaverine, in a demulcent pastille base (*Medo-Chemicals, Ltd.*).—PHOLTEX is a pholcodine linctus especially suitable for children (*James L. Hatrick & Co. (London), Ltd.*).—PIRITON expectorant linctus contains in each teaspoonful (4 c.c.) Piriton (chlorprophenpyridamine maleate), 2 mgm., ammonium chloride B.P., 100 mgm.; and sodium citrate B.P., 44 mgm. (*Allen & Hanburys, Ltd.*). — ROMILAR syrup, a new cough suppressant compound having a potency approximately equivalent to that of codeine, contains 10 mgm. dextromethorphan in one teaspoonful (*Roche Products, Ltd.*).—RYBAR mist. tussi infans. is a new cough preparation for children (*Rybar Laboratories, Ltd.*).—A new suppressant cough syrup which is non-toxic and contains no codeine, TOCLASE cough syrup may be given to children and adults, and is supplied in 4 fl. oz. and 80 fl. oz. bottles (*Pfizer, Ltd.*).

Culture Media: Many additions have been made to the Oxoid range of culture media. They include tomato juice agar, sterile tomato juice, Acti-dione agar, Loeffler medium and Lowenstein-Jensen medium with Dipasic (*Oxo, Ltd. (Medical Department)*).

Dermatological Preparations: PENOTRANE dusting powder is now available in a new 3-gm. polythene container for the treatment of otitis externa (*Ward, Blenkinsop & Co., Ltd.*). —SIOPEL is a new protective silicone cream. It forms a durable flexible film when applied to the skin (*Imperial Chemical (Pharmaceuticals), Ltd.*).—SYL is a new greaseless silicone cream containing hexylresorcinol (*Lloyd-Hamol, Ltd.*). — VELTIS emollient cream is now available in a 70-gm. packing (*Bengué & Co., Ltd.*).

Treatment of Diarrhœa: KAOPECTATE contains in each fl. oz. 90 grs. colloidal kaolin. KAOMYCIN contains in each fl. oz. neomycin sulphate 300 mgm. and colloidal kaolin 90 grs. Kaomycin is indicated in bacterial diarrhœas (*Upjohn of England, Ltd.*).

Diuretic: MICTINE brand of 1-allyl-3 - ethyl - 6 - amino - tetrahydropyrimidine-dione is a non-mercurial oral diuretic. It is supplied in bottles of twenty-five and 100 200-mgm. tablets (*G. D. Searle & Co., Ltd.*).—NEUTRAPHYLLINE is available in tablet, ampoule and suppository forms and in those forms in association with phenobarbitone (*Continental Laboratories, Ltd.*).

Dressings, etc.: Viscose-bonded fibre fabric which consists of a web of viscose fibres secured together with a bonding agent is being used to make dental napkins. The material is a cross between a paper and a textile (*Courtaulds, Ltd.*).—COWLENE polythene yarn is being used in the experimental production of blood vessels for use in vascular surgery (*Courtaulds, Ltd.*).—ELTOBAND elastic fixing strips are strips of plain elastic adhesive bandage, ready cut, for fixing dressings (*Esco (Rubber), Ltd.*).—S. & M. braided suture silk is available in sizes 6/0, 5/0, 4/0, 3/0, 2/0, 0, 1, 2, 3, and 4 supplied in 25- and 100-yd. reels in black or white (*Savory & Moore, Ltd.*). —Latex foam pressure pads for binding over varicose veins, etc., are shown (*Scholl Mfg. Co., Ltd.*).—A new waterproof filmic strip dressing is offered in 12 in. strips, 2½ in. wide (*Edward Taylor, Ltd.*).

Treatment of Dysmenorrhœa: TETRIDE tablets, containing mephenesin, salicylamide and caffeine, and indicated in dysmenorrhœa and the premenstrual syndrome, are issued in packs of 50 tablets and are freely prescribable on form EC10 (*Moore Medicinal Products, Ltd.*).

Foods: LOCKWOODS vitamin C concentrated fruit juice contains 20 mgm. of the vitamin per fl. oz. and is available in raspberry, orange or pineapple flavour (*Fassett & Johnson, Ltd.*). — ST. IVEL special milk powder is a specially pure bacteriological grade of spray-dried milk powder which is practically sterile. It is recommended for intra-gastric drip therapy and infant nutrition (*Aplin & Barrett, Ltd.*).

Haematinics: BIPULVERETTE Blaud's pills are designed to produce freshly precipitated ferrous carbonate when the components of the tablet finally react in the stomach fluid (*Oppenheimer, Son & Co., Ltd.*).—LIVOX capsules now contain ferrous gluconate in place of iron glycerophosphate and an increased dosage of nicotinamide (*Oxo, Ltd. (Medical Department)*).—A new compound for iron-calcium therapy is

Hydrocortone topical ointments and saline suspension (Merck-Sharp & Dohme, Ltd.); Noctynol, Bydand inhaler, and Tetride (Moore Medicinal Products, Ltd.); Kolpon pessaries (Organon Laboratories, Ltd.); Rarical (Ortho Pharmaceutical, Ltd.).

offered by RARICAL tablets of ferrous calcium and tricalcium citrates. Bottles of 50, 100 and 1,000 tablets are available (*Ortho Pharmaceutical, Ltd.*). — VALOXYLIN 50 consists of 1 mil liver extract with 50 microgm. vitamin B_{12}. Valoxylin 100 contains 100 microgm. vitamin B_{12}. It is indicated in the treatment of pernicious anæmia and for other types of macrocytic anæmia that also respond to liver therapy (*Oxo, Ltd. (Medical Department)*).

Hormone Preparations: DI-SIPIDIN pituitary posterior lobe powder is supplied with an insufflator for use in the treatment of diabetes insipidus and enuresis (*Paines & Byrne, Ltd.*). — KOLPON pessaries are now presented in a non-greasy water-soluble base of modified shape and replace Kolpon bougies and Menformon suppositories (*Organon Laboratories, Ltd.*).—Each tablet of MIOTROL P contains methyl testosterone 2·5 mgm.; ethinyl oestradiol 0·005 mgm. and phenobarbitone 16 mgm. It is specifically designed for control of symptoms of menopause (*Oxo, Ltd. (Medical Department)*). — TACE brand of chlorotrianisene is a new pro-oestrogen which is stored in the body fat and slowly released. It is indicated in menopausal disorders (*Riker Laboratories, Ltd.*).

Hyaluronidase: HYALASE hyaluronidase, formerly standardised to contain 1,000 Benger units per ampoule, is stated to contain 1,500 international units per ampoule as measured by the new international standard for hyaluronidase established by the World Health Organisation at Geneva in October (*Benger Laboratories, Ltd.*).—WYDASE hyaluronidase in the form of a sterile, stabilised solution is available in boxes of 6 x 1 c.c. ampoules (*John Wyeth & Bro., Ltd.*).

Treatment of Hypertension: Extending the HYPERTANE range of rauwolfia preparations, RESERPAMED tablets contain reserpine alkaloid 0·1, 0·25, and 1 mgm. (*Medo-Chemicals, Ltd.*). — QUIESCIN brand of reserpine is available in bottles of twenty-five, 100 and 500 tablets of 0·1, 0·25 and 1 mgm. strength (*Organon Laboratories, Ltd.*). — SEOMINAL combines Luminal and theobromine with rauwolfia (*Bayer Products, Ltd.*).

Hypnotics and Sedatives: A non-barbituric sleeping tablet which can also be given to young children is offered in DORIDEN α phenyl-α-ethyl glutarimide tablets which contain 0·25 gm. of the medicament and are scored to facilitate halving (*Ciba Laboratories, Ltd.*).—DRINAMYL contains Dexedrine and amylobarbitone and is indicated in mental and emotional distress. It is available in tablet or Spansule (sustained-release capsule) form (*Menley & James, Ltd.*). — Suppositories have been added to the range of LARGACTIL preparations. There is also a new 1 per cent. solution of the same drug (*Pharmaceutical Specialities (May & Baker), Ltd.*). — A quadruple barbiturate, for sedation when needed without drowsiness, is offered by NIDAR tablets (*Armour Laboratories (Armour & Co., Ltd.)*).—A combination of non-barbituric sedatives to counter nervous insomnia is available as NOCTYNOL tablets, which can be given even to young children, from a year old (*Moore Medicinal Products, Ltd.*). — One of a new series of non-barbituric sedative-hypnotic drugs, NOLUDAR tablets are recommended for the treatment of insomnia and as a day-time sedative (*Roche Products, Ltd.*).—Carbromal, bromvaletone, rauwolfia and mephenesin are synergistically combined in SEDALTINE. Also included in the formula is aluminium hydroxide. The product is indicated in insomnia and for general sedation (*Clinical Products, Ltd.*).—A non-barbiturate sedative which produces no amnesia or euphoria is provided by VALMID tablets (*Eli Lilly & Co., Ltd.*).

Treatment of Hypotension: A new synthetic sympathomimetic drug, MEPHINE is indicated to maintain the blood pressure in all acute hypotensive states (*John Wyeth & Bro., Ltd.*).

Inhalers: The BYDAND inhaler, an entirely new design in glass inhalers, has a glass syphon which can be removed

Di-Sipidin insufflation outfit and insufflator (Paines & Byrne, Ltd.); Bardase tablets and liquid, Chlorstreptin suspension (Parke, Davis & Co., Ltd.); Preludin, Deltacortril, Terra-Cortril, Tyzanol, and Toclase syrup (Pfizer, Ltd.); Largactil solution 1 per cent. (Pharmaceutical Specialities (May & Baker), Ltd.).

for cleaning and replaced if broken (*Moore Medicinal Products, Ltd.*). — RYBADRINE inhaler is recommended for the relief of nasal catarrh (*Rybar Laboratories, Ltd.*).

Laxatives: A new application for CELEVAC methyl cellulose tablets, in the control of colostomies and ileostomies, is suggested (*Harker, Stagg, Ltd.*).

Nasal Sprays: ALBUCID nasal solution is now presented in a pocket spray pack which will also deliver drops if required (*British Schering, Ltd.*). — TYZANOL nasal decongestant is now issued in a spray pack (*Pfizer, Ltd.*).

Obstetric Preparations: ERGO-RONDASE intramuscular injection of ergometrine with rondase is indicated to produce uterine stimulation in obstetrics (*Evans Medical Supplies, Ltd.*).—Sterile umbilical tape, packed in an aseptically-sealed jar, is also useful as a sterile veterinary tape (*Armour Laboratories* (*Armour & Co., Ltd.*)).

Ophthalmic Preparations: CHIBRET ophthalmic preparations are supplied in drop bottles having a sterile plastic dropper cap supplied in a plastic bag. Before use, the cap is fitted on the bottle, the tip of the dropper cut off and replaced by a plastic dust cap, which is replaced after using the drops (*Coates & Cooper, Ltd.*).

Peptic Ulcer Therapy: ANTRENYL DUPLEX tablets, designed to produce a more prolonged effect than Antrenyl, contain a core of 5 mgm. Antrenyl, which is enteric-coated and surrounded with another layer containing 5 mgm. of Antrenyl and an outer coating which is soluble in gastric juice (*Ciba Laboratories, Ltd.*).—A new preparation of Taka-diastase is BARDASE. In addition to that drug it contains phenobarbitone, hyoscyamine sulphate, hyoscine hydrobromide and atropine sulphate. It is available as tablets and liquid. (*Parke, Davis & Co., Ltd.*).—KOLANTYL is now available as a gel (*Riker Laboratories, Ltd.*).—PAMINE (methscopolamine bromide) is an anticholinergic which is claimed to afford prompt and long-lasting relief from ulcer pain. It markedly reduces gastric secretion and decreases gastro-intestinal motor activity. Each tablet contains methscopolamine bromide 2·5 mgm. PAMINAL tablets contain in addition to 2·5 mgm. Pamine, 15 mgm. phenobarbitone. PAMINAL elixir contains 1·25 mgm. Pamine and 8 mgm. phenobarbitone in each 5 c.c. (*Upjohn of England, Ltd.*).

Pentoxylon, Tace, and Kolantyl gel (Riker Laboratories, Ltd.); Romilar syrup and Ro-A-Vit drops (Roche Products, Ltd.).

Pyelography: HYPAQUE is a new intravenous contrast agent for pyelography (*Bayer Products, Ltd.*).

Spasmolytics: A synthetic spasmolytic agent, PROFENIL, is indicated in the control of smooth muscle spasm in spastic conditions of the gastro-intestinal tract, ureter, bladder, etc. It is supplied as 120-mgm. tablets, in bottles of twenty-five and 250 (*The Crookes Laboratories, Ltd.*).

Throat Lozenges: Following extensive bacteriological and clinical trials, the formula of PROCIDETS lozenges has been modified to increase their effectiveness against mouth and throat infections. It is claimed that four lozenges sucked successively will kill 90 per cent. of mouth bacteria (*Harker, Stagg, Ltd.*).—THROSIL lozenges, containing amethocaine and a quaternary ammonium antiseptic, are not strictly new, but are being specially featured (*Allied Laboratories, Ltd.*).

Tonic: NUTRITIVE ELIXIR OF PEPTONE contains peptone powder, B.P.C. 4·54 per cent. in 28 per cent. alcohol, for use in geriatrics (*Armour Laboratories* (*Armour & Co., Ltd.*)).

Tuberculostatics: A new oral chemotherapeutic for pulmonary tuberculosis is offered by DIPASIC tablets, an addition compound of isonicotinic acid hydrazide and p-aminosalicylic acid (*Bengué & Co., Ltd.*). — A composite oral chemotherapeutic agent for the treatment of tuberculosis, TEBAFEN combines isoniazid and nicotinaldehyde thiosemicarbazone. It is indicated in pulmonary and some other forms of tuberculosis and is issued in 50-mgm. tablets (*Geigy Pharmaceutical Co., Ltd.*).

Vitamin Preparations: Each tablet of OROVITE contains aneurine hydrochloride B.P., 50 mgm.; riboflavine B.P., 5 mgm.; nicotinamide B.P., 200 mgm.; pyridoxine B.P.C., 5 mgm.; δ l calcium pantothenate, 5 mgm. (*Vitamins, Ltd.*).—RO-A-VIT synthetic vitamin A is now available as water-miscible drops (*Roche Products, Ltd.*).

Also exhibiting:—Roter, Genatosan, Ltd., British Felsol Co., Ltd., Energen Foods Co., Ltd., Holborn Surgical Instrument Co., Ltd., Kaylene (Chemicals), Ltd., Norgine Pharmaceutical Products (London), Ltd., Lastonet Products, Ltd., Sandoz Products, Ltd., William R. Warner & Co., Ltd., Anglo-French Drug Co., Keen, Robinson & Co., Ltd., Ames Co. (London), Ltd., Calmic, Ltd., Hemosol Laboratories, Ltd., Riddell Products, Ltd., Halden Pharmaceuticals, Ltd., John Bell & Croyden, Rheuma Spa (Zermo), Ltd., Cow & Gate Milk Food, H. R. Napp, Ltd., Marmite, Ltd., Brand & Co., Ltd., Reckitt & Colman, Ltd., Horlicks, Ltd.

Thermona cream, Elastoplast dressings, and Dilacol (T. J. Smith & Nephew, Ltd.); Orthoxicol syrup, Orthoxine hydrochloride tablets (Upjohn of England, Ltd.); Orovite B-complex (Vitamins, Ltd.); Penotrane dusting powder (Ward, Blenkinsop & Co., Ltd.).

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The CHEMIST AND DRUGGIST

For Retailer, Wholesaler and Manufacturer

ESTABLISHED 1859

Published weekly at

28 Essex Street, Strand, London, W.C.2

TELEPHONE CENTRAL 6565

TELEGRAMS: "CHEMICUS ESTRAND, LONDON"

Curiouser and Curiouser

On September 24 we commented on the fact that a proprietary rauwolfia preparation had been deleted from the list of C.F. products for counter sale though the Pharmaceutical Society had given its members no guidance on the matter. The following week we pointed out that the situation could not be allowed to remain where it is, and posed a problem of loyalties that might face neighbouring pharmacists not both members of the Chemists Federation. The situation has indeed changed, very radically. The problem of loyalties has disappeared. Acting on fresh pharmacological evidence, the manufacturers of Tranquilex have themselves removed the product from public sale (see *C. & D.*, November 12, p. 552). Yet the "silence of the Square" continues. Not a word has come out of the Council in the way of guidance to members or of recommendation to the authorities to make rauwolfia preparations "prescription only" drugs. Why? The mystery becomes curiouser and curiouser.

Nuisance Caused by Cellar Flaps

Occupiers of shops and other premises often fail to realise the extent of their responsibility for the good condition and repair of cellar flaps, pavement lights, and other objects which are likely to cause an obstruction or a nuisance. A statutory duty is imposed on them to keep all cellars under a street, and all openings into cellars, and all cellar heads and coal holes, in the surface of a street, and all landings, flags or stones on the path or street supporting them, in good condition and repair. If that obligation is neglected, the owner or occupier of the premises in question is guilty of a nuisance and liable to be prosecuted. Moreover, if any passer-by is injured in such circumstances, the occupier is liable to pay damages.

An occupier may be liable not only for creating a nuisance, but also for "adopting" a nuisance that has in fact been created by a third party. A person who is aware of the existence of a nuisance for which he would have been responsible had he created it himself, is equally liable if he fails to take steps to bring it to an end. Thus where a trespasser had run a ditch into a pipe on the defendant's property with the result that the pipe became blocked and caused damage to the plaintiff's property, the defendant was held liable for the damage, on the ground that he was fully aware of the existence of the nuisance, and had in fact taken the benefit of it by using the water that came from it, but had failed to take necessary steps to abate it.

But the law on the other hand will not impose any obligation on the occupier for a nuisance created by a third person which the occupier is himself powerless to abate. Thus in a recent case the defendant was the occupier of premises abutting on to a pavement. There was a cellar under the pavement, which was closed by a cellar flap. One side of the flap, however, was about ¾ in. above the pavement, and thus clearly caused a nuisance. The nuisance had been created by the local authority which, when raising the level of the pavement, had placed the cover on a new concrete surround in such a way as to cause permanent overlapping and obstruction. About three years after the reconstruction of the pavement in that way, a passer-by tripped over the flap and was injured. The Court of Appeal held that the defendant was not liable for the injuries caused, since the nuisance had been created not by him but by the local authority. The cellar flap was in good condition and repair, and the whole fault lay in the way in which it was set in the pavement by the local authority. Nor could it be said that the defendant was liable on the ground that he had been aware of the nuisance and had failed to take steps to abate it, for he had no right to go on to the pavement and execute any work on it, even though it was for the purpose of levelling the flap and making it flush with the pavement. That was work which only the local authority could carry out. The local Authority was in fact guilty of the nuisance, but unfortunately could not be sued by the injured party, for he had failed to sue them within the time allowed by law, and his rights against them had become barred by lapse of time.

Onward from Galen

A CURRENT CAUSERIE

An unusual motion was submitted at a recent meeting of the Southport Debating Society. It was "That the chemist's shop is man's worst enemy and woman's best friend." The gentleman who sponsored the motion, said man should eat less and learn to relax; that was the only way in which he could get away from the chemist's shop. A lady member, taking the opposite view, said the chemist was the backbone of the food industry; the chemist's shop was a godsend and the men knew it! Woman was beautiful before the chemist shop exploited her; the chemist shop was her worst enemy. The motion was defeated by 17 votes to 16. One wonders what was the ratio of masculine/feminine among the debaters, and how many, if any, had a "vested interest."

★

A historian's outspokenness about the desecration of a holy well at Sancreed, Cornwall, recently, had the unexpected result of bringing to light an unusual "cure" for warts. It might be called a correspondence cure. Mr. H. Jewell told the Sancreed Women's Institute that he was distressed at having seen that evening that the well, which is under the old chapel at the Glebe, was covered with litter. A stranger admitted responsibility—but it wasn't desecration. She explained that on a previous visit to Sancreed her daughter, who had a wart on her hand which was due to be operated upon, placed her hand in the water in the well. The wart disappeared within a week. The visitor's doctor husband, in Hampshire, was sceptical, but she returned to Sancreed and took a bottle of the water, which was used to treat someone else, who also had a wart. The wart disappeared—another cure. A friend then wrote her a letter saying she could not visit the well personally but if her letter was torn in pieces and scattered in the waters the writer might be cured. Hence the "litter."

CORRESPONDENCE

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

WOMEN PHARMACISTS' INFORMAL EVENING

SIR,—An invitation is extended to all women pharmacists and students, whether members of the National Association of Women Pharmacists or not, to attend an informal evening at 17 Bloomsbury Square, on November 30. Refreshments will be served at 7 p.m. prior to a talk by Miss Andrews (a past-president of the Tasmanian Association of Women Pharmaceutical Chemists), on the opportunities for and the training of women in pharmacy "down under." I look forward to meeting many old and new friends on this evening, the forerunner of, I hope, many open meetings to be held in London.

READING NORA WILLIAMS, *President,*
National Association of Women Pharmacists.

APPRECIATIONS

WE received our copy of THE CHEMIST AND DRUGGIST this morning and in writing wish to say how helpful your Price Supplement is going to be.—*J. F. B.*

MAY we congratulate you upon the very speedy issue of the supplement of Post-Budget Prices; this will be extremely useful—*G T. E.*

YOU knocked us over with your most excellent Prices Supplement last week, and to have the same thing happen this week is almost too good to be true. What a labour for you! What a help to us!—*R. J. C.*

BRITISH FINE CHEMICALS AND THEIR USES

47. LACTIC ACID

LACTIC acid (a colourless, syrupy, hygroscopic liquid), is supplied as B.P., edible 50 per cent., and commercial 50 per cent. It is prepared from whey by fermentation, from starch and starchy substances, and from the fermentation of malt, followed by a variety of patented purification systems. Medicinally it is used as a swab, as a spray, and as an injection, for various conditions. In some quarters it is rapidly replacing the more expensive citric and tartaric acids in the preparation of soft drinks and in the baking and confectionery trades. Lactic acid is also claimed to improve the quality of beers of low alcoholic content, by combining the amines and amino-acids. The pure acid is included in certain varieties of wines, and is employed in yeast manufacture.

Lactic acid is also used in the production of a number of lactates for medicinal preparations and in different capacities in making synthetic rubbers. Its use in the tanning and processing of leather accounts for about 30 per cent. of its industrial consumption. It is used in various ways in dyeing and calico printing, in the chroming of wool, as a discharge for turkey red, in dyeing aniline black, for different mordant purposes, and as a solvent for dyestuffs. Food uses of lactic acid (in baking and confectionery, the making of cheeses, etc.) are understood to account for a further 30 per cent. of its output. Lactic acid is also used by potato distillers, by the makers of japanned goods, and in titanium researches. In the laboratory, lactic acid, with added hydrochloric acid, is used as a solvent for albuminoids in milk in fat determinations, while a 1 per cent. solution is used in microscopy for the elimination of lime. The acid has been experimentally used for producing formic acid and acetaldehyde, and as an addition agent in electro-deposition researches in place of glue and gelatin. Recently increased demands have prompted research into alternative methods of production and sources of supply, among them recovery from corn-steep liquor, hydrolysis of lactonitrile, various treatments of molasses and glucose, and other synthetic processes. For technical purposes some commercial concentrations of the acid are marketed coloured. The commercial material is liable to contain lime, metals, sulphuric acid, sugar, oxalic and citric acids. After determining those constituents, the acid content is quantitatively estimated by titration with normal alkali, and the results confirmed by a method which depends on oxidation of the acid to aldehyde.

NEW FILMS AND FILMSTRIPS

Industrial Welfare

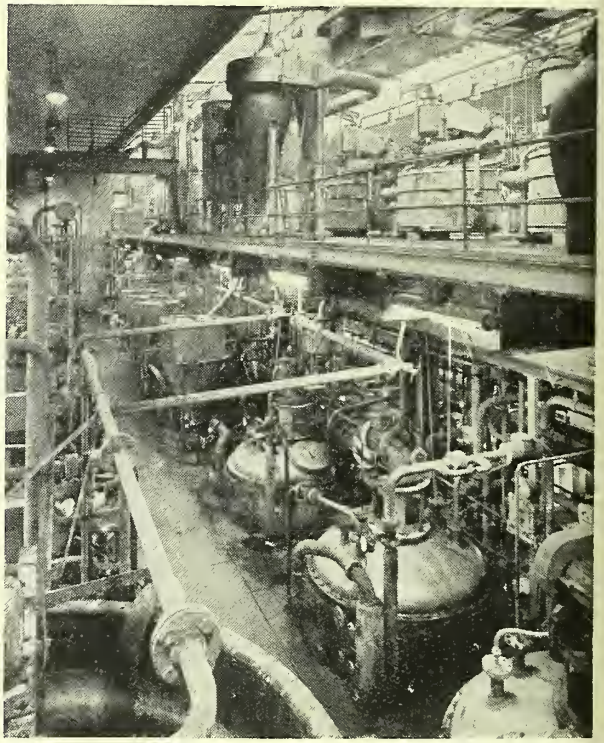
Industrial Welfare Society, 48 Bryanston Square, London, W.1. Set 42s. (non-members 63s.); to hire, 10s. 6d. per week (non-members 15s.).

NINE new titles have been made available in the Society's series "Human Problems at Work." They are "A Good Representative"; "Is It Worth It?" (about learning a skilled craft); "Getting On in Life"; "The Foreman Who Was a Good Organiser"; "The Awkward Interview"; "George and His Training"; and "Boss in Your Own Department." In the "Chain Stores" series a film strip "Keeping Up to Date" deals with a chairman's son who has studied retail trading in America and tries to introduce new methods without first securing the goodwill of his staff. In the series "Offices" a new film strip "Opportunities for Juniors" is now available.

Fine Chemicals for Medical Use

MAY & BAKER, LTD. 16-mm. Colour with sound. 19 minutes. Arrangements made to show film to pharmaceutical, medical or nursing groups on application to May & Baker, Ltd., Dagenham, Essex.

THE film shows the main stages in the development of fine chemical products from research to packaging and outlines some of the ancillary services necessary in a chemical organisation. Methods of evaluating products in the biological laboratories and examples of various types of production are shown. There are shots showing the testing of batch samples and how permanent records are kept of each analysis. There follow examples of packaging operations by mechanised systems.



"Still" from the film "Fine Chemicals for Medical Use." Apparatus used in the synthesis of an organic compound.

INFORMATION WANTED

The Editor would appreciate information about suppliers of the following items:

SPUMAN (present supplier)
DEMATODORAN eye ointment
RITA vanity powder
PANIGOL balm

A Chartered Accountant gives answers to
ANY BUSINESS QUESTIONS?

How often has the stock of a chemist shop to be taken for income-tax purposes? Is it deemed sufficient if it is taken once in three years? If there is any ruling, what is it and how is it put?

As a rule, the Inland Revenue authorities require that stock-in-trade at the end of each accounting period shall be valued on the basis of "cost or market value, whichever is the lower." If the accounts are not prepared by accountants, or if no complete audit is made, the inspector of taxes may issue a questionnaire and certificate for completion in support of the accounts: one of the inquiries on the questionnaire concerns the subject of stock and its valuation, etc. It is not regarded by the authorities as sufficient to take stock only once in three years. By "market value" is meant the buying price at the time of valuation of the goods obtained in the customary manner. The valuation may be computed for each item or group of items, and reasonable estimates will need to be included. Any insistence by the tax office on the "global" method of valuation (that is, not taking the lower value for each item, but the lower of the figures for the total cost or total market value of *all* stock) should be resisted. It has been upheld that a business has the right to value each item or group of items separately. Whatever method is adopted should be consistently adopted from year to year. Trading stock, of course, covers goods held for re-sale.

It has been resolved that someone who holds an interest in this business, which was formed as a limited company, should now be appointed a director, although he will not have an active, day-to-day concern in the conduct of the affairs of the business. What fees are we entitled to pay? Is there a limit of charge for directors' fees?

I TAKE it that income tax is the concern in this inquiry, since otherwise it is a question of agreement between company and director. From an income tax point of view directors' fees are qualitatively and quantitatively an expense. To be allowable, an expense must be a sum wholly and exclusively laid out or expended for the purposes of the trade, business or profession. That the payment of directors' fees may merely save tax—earned income relief, for instance, being permissible on an individual's earnings but not on those of a company—is not, as is commonly supposed, a sufficient reason. It is not unknown for an inspector of taxes to restrict the allowance of fees paid on the grounds that they are not wholly and exclusively for the purposes of the business, since they appear excessive. But a director has certain obligations and duties, even apart from meetings and accounts, etc. His fees must also take into account not only actual work performed but his obligations. An inspector is not in a position to dispute the rate of a director's pay. If, of course, as actually happened in one case on record, the director were a minor and a large sum were paid, the matter might well be contentious and disputed by the Inland Revenue.

My wife works (approximately half-time) as an employee of the business (a limited company), but in the course of her employment I have not made any deductions for State insurance. Is the business liable to stamp an insurance card for her, and to make contributions as for any other employee?

A WIFE employed in a business other than that of her husband may "contract out" of her liability to pay contributions (there would be a deduction of only threepence to cover industrial injuries, but the employers would have to bear their full share). Where the wife is employed in her husband's business (or on her own account) she is automatically covered by her husband's insurance. She is not, that is to say, under any obligation to pay contributions. The position of a limited company is more complicated, but broadly speaking if the wife is not so much a servant of the company as really working in association with her husband, she would be taken as a self-employed person and not be liable for any stamp unless she herself chose to contribute. Otherwise she would need again to contract out of her obligation to make contributions. To contract out of liability to pay the full stamp, it is necessary to complete form CF9 and send it to the local office of the Ministry of Pensions and National Insurance.

What exactly is meant by "depreciation"? It seems to have a significance wider than "fair wear and tear." How is provision made for depreciating assets, and at what rate? Is there an official table to which reference may be made?

A BUSINESS has need of certain assets known as fixed assets which are not held for resale but used in the activity of the business. On the whole they are used up, as it were, in the process of making profits (or losses!) depending on the kind of asset and the use made of it (freehold land is an exception). It is proper to make a charge in respect of the use in each accounting period. Unless such a charge is made, the real cost of running the business is not shown, and since profits would be overstated, there is a danger they may be withdrawn and no provision made. Provision is made in the charging of an amount for depreciation. It is usually left in the business, but it may be earmarked in the bank or even invested outside the business (so that at the end of the asset's life, there is accumulated a fund for replacement). It is not possible to compute depreciation with any exactitude and there are various ways of arriving arithmetically at a reasonable figure but usually a fixed percentage of cost — and thereafter of the balance — is charged every year. Rates used in accounts broadly have regard to the expected number of years of life. The Inland Revenue authorities publish a classified list of percentage rates of wear and tear.

NEW BOOKS

The Year's Photography, 1955

Royal Photographic Society, 16 Prince's Gate, London, S.W.7. 10 x 7¼ in. Pp. 19 + eighty-two pictorial halftone reproductions. 10s. 6d.

MORE than usual, perhaps, this year's edition of a publication issued annually by the R.P.S. since 1922 presents a record of the progress made in the craft during a twelve-month period. The pictures, which are claimed to be a cross-section of the best contemporary work, are mainly in the pictorial and portraiture classes, though there are a number of excellent wild-life subjects. All are taken from exhibitions staged by the Society during the year. In addition there are textual reviews of artistic photography, science photography and its applications, and of the Society's nature exhibition. Whether for its own sake as an album of excellent pictures or for record purposes to provide a photographic comparison of 1954 with other years, *The Year's Photography, 1955*, well justifies its place on private or professional bookshelf.

New and Nonofficial Remedies, 1955

COUNCIL ON PHARMACY AND CHEMISTRY OF THE AMERICAN MEDICAL ASSOCIATION. *Pitman Medical Publishing Co., Ltd.*, 45 New Oxford Street, London, W.1. 7½ x 4½ in. Pp. xlviii + 653. 30s.

THE present volume includes articles that the Council found acceptable, under its old rules, up to January 1, 1955. Under the new rules individual brands of new drugs are not being evaluated for acceptance and instead, monographs on new drugs are being prepared, based on all pharmacological and clinical evidence that is made available to the Council. Thus, it is noted in the preface to the present volume, future editions of N.N.R. will not contain a listing of brand names of drugs. From the pharmacist's point of view that will no doubt be a sad omission, however necessary it may have become, and it will be one that will give to this latest edition a currency longer than usual. The 1955 edition retains the pharmacological classification and general layout of previous editions. Current acceptances of drugs for inclusion in N.N.R. are given in THE CHEMIST AND DRUGGIST as they appear.

PHARMACEUTICAL SOCIETY OF IRELAND

Monthly Meeting of Council

A MEETING of the Council of the Pharmaceutical Society of Ireland was held in Dublin on November 8, Mr. P. F. McGrath (president) in the chair. There were also present Messrs. M. Power (vice-president), H. P. Corrigan (treasurer), F. J. Robinson, J. Gleeson, F. Loughman, C. J. Cremen, D. J. Kennelly, V. G. McElwee, E. J. MacSweeney, T. C. Scott, J. J. O'Regan, G. C. O'Neill, A. A. Toher, and T. B. O'Sullivan. Mr. James G. Coleman (registrar) was in attendance. Messrs. M. Costello and P. A. Brady were excused attendance. An apology for inability to attend was received from Mr. J. P. Kissane.

Gift for Society

A letter was read from Mr. Norman Dewey (Allen & Hanburys, Ltd.) presenting the Society with four aseptic dispensing screens for use in the Society's College of Pharmacy. THE PRESIDENT, moving the thanks of the Society, mentioned that Mr. Dewey, who had much to do with the organisation of the International Pharmaceutical Federation's Conference in London, was most helpful to the Irish representatives there.

Mrs. Bridget O'Beirne, née Delaney, M.P.S.I., and Mrs. Bridget Flood, née McNamara (assistant), both of whom submitted marriage certificates, were granted change of name in the respective registers. Drs. Mary Kelly, Belmullet, co. Mayo, and Irene Catherine Crean, Carrickmacross, co. Monaghan, both of whom submitted L.A.H. certificates, were granted registration as pharmaceutical chemists. Preliminary registrations were notified in respect of Desmond John Bosco Brady and William Patrick Rafferty.

The reports of the House, Schools, Law, Special Education and Conference Committees were submitted and approved. The form of agreement on the appointment of the Society's liaison officer was considered and approved. MR. MCELWEE suggested that that officer should have an opportunity of meeting members of local associations in the country and discussing their problems with him, and THE PRESIDENT said that idea should be carried out.

THE PRESIDENT heard the views of members of the Council on matters affecting pharmacy which were coming before the National Health Council in the near future.

THE REGISTRAR said he had received a telephone call from Captain John Fitzgibbon of the Army pharmaceutical staff informing him that officers in the medical, dental, and a third technical profession were promoted automatically after ten years' service, but that no such provision was in operation with regard to pharmacists in the service. It was agreed to take the matter up with the Army authorities.

On consideration of the Special Education Committee's report it was stated that a memorandum on the teaching of students, dealing also with the qualification of Assistants, had been submitted by Mr. Richard Timoney (dean of the Society's College of Pharmacy). The Council decided that copies of the memorandum should be circulated to members to give them an opportunity of studying it; the matter would come up for consideration at a future Council meeting.

THE REGISTRAR reported on the deaths of Messrs. Patrick Joseph Barry, M.P.S.I., and Michael Joseph Corbett, L.P.S.I.

The Licence certificates of the following were signed and sealed:—Thomas McAuliffe, Charles McDermot, Patrick J. McGleenan, Jeremiah O'Keefe, and Michael Santry. Messrs. Jeremiah Joseph Dawson and Joseph Donoghue were elected members of the Society. The following were nominated for membership: Patrick G. Coen, Tone Street, Ballina, co. Mayo; David F. Nunan, 51 Henry Street, Dublin; John Dermot O'Byrne, Skibbereen, co. Cork; Francis J. O'Brien, 99 Shandon Street, Cork; Michael Santry, Arzala, Victoria Cross, Cork; Patrick Joseph Weir, Market Square, Mullingar, co. Westmeath; Misses Johanna Murphy, 11 Main Street, Finglas, Dublin; Mary Olive McNamara, Friar Street, Thurles, co. Tipperary, and Ruth C. O'Malley, Bridge Street, Boyle, co. Roscommon, and Mr. Sean Conway, Ashbourne, co. Meath.

MR. TOHER drew attention to a reference made recently to pharmaceutical goods by the Minister of Industry and Commerce, and THE REGISTRAR said the matter was one for the Irish Drug Association.

MR. O'REGAN called attention to an advertisement for maternity packs issued by the Cork Corporation in which tenders were requested from pharmaceutical chemists. He asked whether those holding the qualification of chemist and druggist were to be excluded from tendering. MR. LOUGHMAN said the Department of Health had been made fully aware of the qualification of chemist and druggist, and the position had now been clarified, so that chemists and druggists were entitled to tender. It was agreed to write to the Cork Corporation on the matter.

The Council considered in detail the provisions of the Opticians' Bill at present before the Dail, in so far as those provisions affected chemists carrying on, or proposing in the future to engage in, the dispensing of optical prescriptions. The registrar was instructed to write to the Association of Ophthalmic Opticians (Ireland) intimating the view of the Council that the chemist-optician member of the new Board to be set up under the Act should be nominated by the Council of the Society.

The following changes of address were notified:—

Messrs. Jeremiah J. Dawson, M.P.S.I., to 3 Sunbury Gardens, Dartry, Dublin; Dermot Glavey, M.P.S.I., to 274 Swords Road, Whitehall, Dublin; Francis J. O'Brien, L.P.S.I., to 99 Shandon Street, Cork; Patrick Joseph Weir, L.P.S.I., to Market Square, Mullingar, co. Westmeath; Walter O'Donnell, M.P.S.I., to Doneraile, co. Cork; D. B. O'Sullivan, L.P.S.I., to 33 South Earl Street, Dublin; Misses Johanna Murphy, L.P.S.I., to 11 Main Street, Finglas, Dublin; and Ruth O'Malley, L.P.S.I., to Bridge Street, Boyle, co. Roscommon.

At a meeting of the Benevolent Fund held at the close of the Council meeting a number of grants were passed for payment.

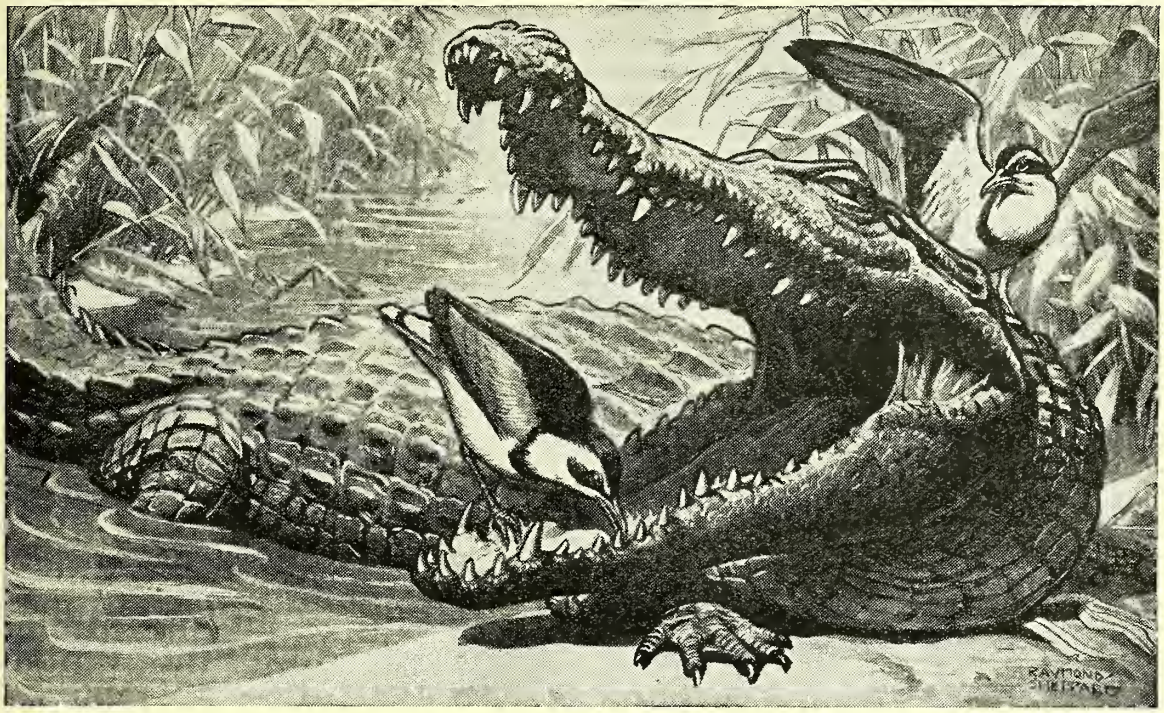
FIFTY YEARS AGO

NEW RECRUITS TO PHARMACY

From THE CHEMIST AND DRUGGIST, *November* 18, 1905

NEW recruits to pharmacy include the eminent names of G. Challoner, Samuel Loates, and A. D. Sadler, racehorse trainers; J. H. Martin, jockey; and E. Moore, turf commission-agent, all of Newmarket or the vicinity thereof, who, with the co-operation of an auctioneer and a butcher, have undertaken the direction of a chemist's and druggist's business in the racing metropolis. If we may regard this as a sign of a slump in the betting business it is some little consolation, but even then pharmacy is a curious refuge for these gee-gee gentlemen to turn to. But how markedly this incident illustrates how the thoughts of men grow wider with the progress of the suns. A hundred years ago or so the Quaker families of Britain, with an absurd reverence for their responsibilities, were taking the conduct of pharmacy out of the listless hands of the apothecaries, and later, when they had made their title creditable for efficiency, Parliament ordered that it should only be assumed by efficient persons. Now our legislators, like Batty Langley, James Bailey, and Alexander Cross, who sit in the seats of Pitt, Fox, and Wilberforce, scoff at such ridiculous, outrageous, and intolerable notions, and that is why Sammy Loates and his associates may display themselves to the world as " chemists and druggists."

An unusual degree of tolerance....



THE EGYPTIAN PLOVER *hops in and out of the crocodile's mouth, going about its self-appointed task of mobile tooth-pick. The value of this operation to the crocodile in terms of dental hygiene, explains why it refrains from snapping those death-trap jaws—an unusual degree of tolerance in a creature not noted for its amiability.*

. . .

WELL tolerated by patients undergoing long-term aspirin therapy in rheumatic conditions; easily taken by those who are nauseated by crushed or dissolved aspirin, or who cannot swallow tablets, Paynocil presents aspirin in its most acceptable form.

Gastroscopic investigation has shown Paynocil to be superior to conventional aspirin and compound aspirin tablets in that it does not cause inflammation of the gastric mucosa, a constant danger with prolonged treatment.

Paynocil tablets are equally suitable for occasional analgesia. They disintegrate rapidly on the tongue and can be taken pleasantly at any time without water.

Each tablet contains
Acetylsalicylic acid ..... 10 grains
Amino-acetic acid ..... 5 grains

PRESENTATION
Paynocil is supplied in tubes of 18 tablets . . . retail price 3/4d.

REFERENCES
Practitioner, 173: 46, 1954. Brit. Med. J., 2: 7, 1955.
Ibid., Editorial, 2: 31, 1955.

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A single dusting does the job!

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'Gammexane' Louse Powder contains the world-famous I.C.I. discovery, gamma BHC, the safest and most powerful of all the modern insecticides. A single dusting not only destroys lice and other troublesome skin parasites on the animal, but because gamma BHC is so highly persistent, it continues to act for over two weeks, thus effectively preventing re-infestation.

Stock and recommend

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LOUSE POWDER

Safe and Sure

In handy sprinkler tins — Retail Price 6/6

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Fulshaw Hall, Wilmslow, Manchester
A subsidiary company of Imperial Chemical Industries Limited

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TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, NOVEMBER 16: The trading in CRUDE DRUGS and ESSENTIAL OILS during the past week showed no signs of breaking away from the dull conditions that have pervaded the markets for so long. One of the few important price-change features was provided by CASTOR OIL, the minimum price of which is now £136 per ton for the pharmaceutical grade, having risen £10 by three stages in as many weeks.

Shortage of the Indian oil at origin, with consequent higher prices, has made the British-expressed oil more competitive. CHILLIES were inclined to be a little easier, whilst star ANISE became firmer. A parcel of prime Cape ALOES for shipment was offered at an advanced price, but supplies on the spot were difficult to locate. BUCHU round leaves were also unobtainable. Usually during November offers of JALAP ROOT are received from Mexico, but so far this year they have not been forthcoming. MENTHOL was sixpence per lb. down in all positions. Shipments of Indian SHELLAC to the United Kingdom in October amounted to 3,803 packages of two Calcutta maunds. SENNA prices remained steady. The amount of Tinnevelly senna leaves and pods shipped from the port of Tuticorin during October is given below.

	U.K.	U.S.	EUROPE
	Tons	Tons	Tons
SENNA			
LEAVES	6	31½	64½
PODS	18½	5	53½

There were no changes in PHARMACEUTICAL CHEMICALS, but in the INDUSTRIAL section STEARATES were advanced by about six shillings per cwt.

Among ESSENTIAL OILS, ANISE and Ceylon CITRONELLA were slightly easier on the spot, but NUTMEG and Chinese PEPPERMINT were dearer. LEMONGRASS and Formosan CITRONELLA were both threepence per lb. lower for shipment.

Pharmaceutical Chemicals

AMMONIUM BICARBONATE. — The B.P. powder is £50 5s. per ton; CARBONATE is £81 10s. for lump and £85 10s. for powder, all delivered terms.

AMPHETAMINE. — Prices (per kilo) for 25-kilo lots are as follows:—BASE, 160s.; SULPHATE, 130s.; *d*-Amphetamine, 550s.

ANEURINE HYDROCHLORIDE. — Price per kilo is £29 5s. with 10-kilo lots at £29 2s. 6d. per kilo.

ASCORBIC ACID.—Rates (per kilo) are: 1 kilo, £6 12s. 6d.; 10 kilos, £6 11s.

BARIUM SULPHATE. — 1-cwt. lots of B.P. (*x*-ray) are 1s. 6d. per lb. and 5-cwt. 1s. 5d. per lb.

BENZAMINE.—In 16-oz. lots LACTATE is 15s. 3d. per oz. and HYDROCHLORIDE, 16s. 3d. per oz.

BENZOCAINE. — Minimum price for B.P. is 20s. 6d. per lb.

BENZOIC ACID.—1-cwt. lots are 2s. 11½d. per lb. The SODIUM SALT is 2s. 9½d. per lb. in 1-cwt. lots.

BROMIDES. — POTASSIUM B.P. crystals in 5-cwt. lots are 2s. 11½d. per lb.; 1-cwt., 3s. 0½d. per lb. Powder is 1½d. per lb. more. AMMONIUM is 3s. 1d. per lb. in 5-cwt. lots and SODIUM, 2s. 10½d. per lb.

BRUCINE.—ALKALOID is from 1s. 8d. to 1s. 9½d. per oz. and NITRATE and SULPHATE from 1s. 7d. to 1s. 8½d. per oz.

CALAMINE.—1-cwt. lots are 1s. 10½d. per lb.; 10-cwt., 1s. 9d.

CALCIFEROL.—B.P. is 4s. per gm. for 100-gm. lots and 3s. 9d. per gm. for 500-gm.

CALCIUM CHLORIDE. — B.P. crystals are 87s. per cwt. in 1-cwt. lots.

CALCIUM SUCCINATE. — Quotations are from 10s. 6d. to 12s. 6d. per lb., as to quantity. SUCCINIC ACID is from 10s. 6d. to 12s. 3d. per lb.

CALCIUM PANTOTHENATE.—Price per kilo is £32 10s.

CHLOROCRESOL.—Pharmaceutical quality is quoted at 6s. 7d. per lb. for 1-cwt. lots.

CHALK.—Prepared powder, B.P., is £22 per ton for minimum 1-ton lots.

CREOSOTE.—B.P. quality ex beechwood, is quoted at from 6s. 9d. to 7s. 6d. per lb.

7-DEHYDROCHOLESTEROL, ACTIVATED. — Price is 4d. per million units for less than 1,000 m.u. and 3½d. for 1,000 to 5,000 m.u.

DICOPHANE (DDT).—Prices are as follows:—1-cwt. lots, 3s. 1d. per lb.; 1-ton, 2s. 10d. Discount for larger quantities.

ERGOTOXINE ETHANESULPHONATE.—Price per gm. for B.P.C. (1949) is: 1 gm., 168s. 9d.; 10 gm., 155s. 3d.

FOLIC ACID.—B.P. and U.S.P. is offered at 9s. 6d. per gm. in 1-kilo lots.

HEXOBARBITONE.—B.P. in 1-cwt. lots is 55s. per lb.

HYDROQUINONE.—Quotations for 1-cwt. lots are 10s. 6d. per lb. For smaller quantities, viz., 28-lb., 10s. 9d.; 14-lb., 11s. 6d.; 7-lb., 12s.

HYOSCINE HYDROBROMIDE.—1-oz. lots are 74s. 3d.; 4-oz., 74s., and 16-oz., 73s. 9d., per oz.

LEAD ACETATE.—B.P. crystals are 180s. per cwt., and technical, 160s.

MENAPHTHONE. — B.P. is £13 per kilo; ACETOMENAPHTHONE, B.P., £13; WATER-SOLUBLE (menadione sodium bisulphite, U.S.P.), £16 per kilo.

METHADONE HYDROCHLORIDE. — Price is from 2s. to 2s. 6d. per gm., as to quantity.

NICOTINIC ACID.—Prices per kilo are 78s. for 1-kilo and 70s. for 50-kilo lots.

PHENACETIN. — In 5-cwt. lots makers' price is now 6s. 8d. per lb., 1-cwt., 6s. 9d.

PIPERAZINE. — Quotations for HYDRATE are from 20s. 6d. per lb. with CITRATE at 28s. per lb.

POTASSIUM BICARBONATE.—B.P. powder is 110s. per cwt. for 1–4-cwt. lots and 105s. per cwt. for 5-cwt. and over.

POTASSIUM BROMATE.—In 5-cwt. lots, 7s. per lb. In small quantities the prices range up to 8s. 9d. per lb.

POTASSIUM HYDROXIDE.—B.P. sticks are from 6s. 6d. per lb.

PYRIDOXINE. — Manufactueres' rate is £170 per kilo.

RIBOFLAVINE. — Price (per kilo) is £36 15s. for 1-kilo and £36 12s. 6d. for 10-kilo lots.

SODIUM CARBONATE.—B.P. exsiccated is 60s. 6d. per cwt.

VITAMIN A.—Supplied in strengths of 200,000 international units per gm. the price is 1s. 1d. per million i.u.

VITAMIN D.—In oil, 2 million units per gm. the price is from 2d. to 3d. per m.i.u. as to quantity. Crystalline see under calciferol. D_3 see under 7-dehydrocholesterol, activated.

VITAMIN E (synthetic). — TOCOPHERYL ACETATE, B.P.C., 10 gm. to 100 gm., 1s. 6d. per gm.; 100 gm. to 1 kilo, 1s. 3d. per gm., 1 kilo and under 10 kilos, £60 per kilo. The equivalent rates for racemic α TOCOPHEROL (unesterified) are 1s. 8d. per gm.; 1s. 5d. per gm. and £66 per kilo.

Industrial Chemicals

ACETALDEHYDE. — The 100 per cent. is 140s. per cwt. for drum lots and the 40 per cent., 149s.

ACETATES.—Prices (per cwt.) for drum lots are as follows:—AMYL (technical), 236s. and B.S.S., 238s.; BUTYL (B.S. 551: 1950), 165s.; ETHYL (B.S. 553: 1950), 134s.; ISOPROPYL, 133s.

ACETONE.—Drum lots are quoted at £90 per ton.

BENZENE. — Thiophene-free is 9s. 0½d. per gall. in 50-gall. barrels and pure, 6s. 0½d. per gall.

N-BUTYL ALCOHOL.—2-ton lots are quoted at £145 per ton and one-drum lots at £149 per ton. Secondary is £121 and £125. All in one delivery.

CARBON TETRACHLORIDE, B.P. — 1–2 carboy lots are £124 per ton. TECHNICAL, in 40-gall. drums, in less than 1-ton lots, is £81 per ton; 1 ton and under 2 tons, £79 10s.; 2 tons and under 4 tons, £79; 4 tons and upwards, £78.

DIMETHYL ACETATE. — Drum lots are quoted at 163s. per cwt.

ISOPROPYL ALCOHOL.—Standard grade is £80 10s. per ton (5s. 7¾d. per gall.) in 10-ton lots. Essence grade is from 16s. 3d. to 19s. per gall., as to quantity.

METHYL ETHYL KETONE. — One-ton lots are quoted at £135 per ton.

METHYL ISOBUTYL CARBINOL.—Minimum price (10-ton lots in one delivery) is £153 per ton.

METHYL ISOBUTYL KETONE.—One-ton lots are £161 per ton with usual differentials for smaller quantities.

NAPHTHALENE. — Home market prices (per ton for 4-ton lots at one time) are as follows:—CRUDE WHIZZED, c.p. 74–77·5° C., £24 10s. to £30, according to the crystallising point; HOT-PRESSED, minimum c.p. 77·6° C., £41—both ex makers' works; CRYSTALS, £62, delivered; BALL and FLAKE, £70 10s., delivered. The approximate export prices (f.o.b.) for 25-ton lots are from £44 to £46 for the crude whizzed; £50 for hot-pressed, while crystals are £66 10s. and ball and flake both £75 per ton.

PHTHALATES.—Prices (per lb.) for drum lots are as follows:—DIAMYL, 3s.; DIBUTYL, 2s. 1½d.; DI-ISOBUTYL, 1s. 11d.; DIETHYL (normal grade), 1s. 11¾d.; DIMETHYL, 1s. 8¾d.

STEARATES.—Dearer. Prices for minimum 1-ton lots are now as follows:—ALUMINIUM (all grades), 250s. 6d. per cwt.; CALCIUM (precipitated), 228s. 10d.; LEAD (30 per cent.), 232s. 6d.; MAGNESIUM (standard) 262s. and (superfine), 292s.; ZINC, B.P., 283s.

TITANIUM DIOXIDE. — Anatase is £142 per ton and rutile from £156 to £162 as to grade.

Crude Drugs

ACONITE. — Spot supplies of Spanish *napellus* are 4s. per lb., duty paid.

AGAR. — *Kobé* No. 1 is 12s. 3d. per lb., in bond and 13s. 6d., duty paid. Prompt shipment offers are 11s. 9d., c.i.f.

ALOES. — Prime Cape is cleared on the spot. A small parcel for shipment is quoted at 300s., c.i.f. Curaçao is 330s., spot.

ANISEED (STAR). — Chinese is in limited supply at 165s., duty paid, with c.i.f. quotations at 142s. per cwt.

ANTIMONY. — English 99·6 per cent. is £222 10s.; 99 per cent., £210 per ton.

ARECA NUTS. — Quotations are about 40s. per cwt. for Ceylon material on the spot. Shipment, 45s., c.i.f.

BELLADONNA. — Root is offered at from 2s. to 2s. 3d. per lb. as to test, and LEAVES testing 0·714 per cent. are quoted at 3s. 9d., duty paid.

BENZOIN.—Sumatra block on the spot is from £25 to £32 per cwt. No. 1 for shipment is £24, c.i.f.

BUCHU. — Rounds are cleared on the spot; no shipment offers.

CAMPHOR.—B.P. POWDER is 6s. 6d. per lb., duty paid and 5s. 3d., c.i.f. TABLETS, ¼-oz. are 7s. 6d., duty paid, and 6s. 6d., c.i.f.

CAPSICUMS.—East African on stalk are 150s. per cwt. spot. Abyssinian, off stalk, 180s., spot, duty paid.

CASCARA SAGRADA.—Unchanged. American 1954 peel is 260s. per cwt., duty paid. Offers of new-crop remain firm around 240s., c.i.f.

CASSIA BARK. — Whole on the spot is about 90s. per cwt., in bond, and for forward delivery, 80s., c.i.f. Broken, 75s., in bond, and 67s. 6d., c.i.f.

CHERRY BARK. — Thin natural is from 1s. 6d. per lb., duty paid, and rossed, 2s., on the spot.

CHILLIES. — Mombasa spot supplies offered at 375s. per cwt. Shipment, 340s., c.i.f.

CINNAMON.—Ceylon for shipment (c.i.f.) per lb., OOOO, 6s.; OOO, 5s. 10d.; OO, 5s. 9d.; O, 5s. 7½d.; firsts, 4s. 10¾d.; quillings, 3s.; chips, 9¼d. to 10¼d.

CLOVES.—Zanzibar on the spot are now quoted at 3s. 3d. per lb.; prompt shipment, 3s. 0¼d., c.i.f.

COCILLANA.—Bark is 2s. 6d. per lb. on the spot.

DUBOISIA.—Old-crop leaves of *D. myoporoides* are offered at 4s. per lb., c.i.f.

ERGOT.—Portuguese on the spot is 11s. per lb.; forward, 10s., c.i.f.; Polish, 7s., c.i.f.

GINGER. — African is offered on the spot at 262s. 6d. per cwt. with shipment at 250s., c.i.f., 245s. (old-crop). Jamaican No. 3 is dearer at 440s. on the spot.

GUM ACACIA. — Kordofan cleaned sorts on the spot are 145s. per cwt. and November shipment 135s., c.i.f.

HENNA.—Whole leaf: Indian is 90s. per cwt. for the green; Egyptian, 100s.

HONEY.—Firm. Australian light-amber is offered on the spot at from 125s. to 135s. per cwt.; medium-amber is difficult to find at 130s.; Argentine, 140s.; Jamaican, 145s. ex store.

HYDRASTIS. — Root is 19s. 6d. per lb., on the spot.

IPECACUANHA. — Nicaraguan is offered for shipment at about 63s. per lb., c.i.f., January–February 1956 delivery; Colombian at 49s. 6d. (November–December shipment), c.i.f. Spot Colombian is 55s.; Nicaraguan, 68s.

JALAP ROOT. — Vera Cruz, powdered, is offered at 4s. 6d. per lb.; no offers of whole root. Brazilian, 12·4 per cent., is quoted at 1s. 10½d.

LANOLIN. — In 1-ton lots the price of ANHYDROUS, B.P., is from 160s. to 165s. per cwt.; 5-cwt. lots from 162s. to 167s. per cwt. HYDROUS, B.P., is from 140s. to 142s. for similar quantities. All in drums, carriage paid, U.K.

LIQUORICE. — Quotations (per cwt.) are: Anatolian, 65s.; Russian, 47s. 6d. to 55s.; Persian, 35s. Chinese cleared on the spot. Block juice quotations are 220s. per cwt., on the spot. Italian stick from 310s. to 475s. per cwt., duty paid.

LOBELIA HERB. — Spot or landed value is about 10s. per lb.

LYCOPODIUM. — Supplies of Russian triple-sifted are exhausted on the spot, forward prices are 5s. 6d. to 7s. 6d., c.i.f., as to position.

MACE. — West Indian pale blade is very scarce on the spot with a nominal value of 26s. per lb.

MALE FERN. — A parcel of Bulgarian is offered on the spot at 45s. per cwt., duty paid.

MENTHOL.—Chinese is 48s. per lb., in bond and 46s., c.i.f., November–December shipment.

MERCURY. — Nominal spot value is £91 per flask of 76-lb. ex warehouse.

NUTMEGS. — West Indian 80's on the spot are 4s. 11d. per lb.; unassorted, 4s. 4½d.; and broken, 3s. 2d.

PAPAIN. — Spot value for East African grade one is from 17s. to 17s. 6d. per lb. Ceylon brown is 14s. per lb., c.i.f.

PEPPER.—Steady after a further decline. White Sarawak on the spot is 2s. 10½d. per lb.; November shipment, 2s. 10d., c.i.f. Black Sarawak is 2s. 3d., spot, with November shipment offered at 1s. 11d., c.i.f. Black Malabar is 350s. per cwt., spot; and November shipment, 265s.

PSYLLIUM.—Indian seeds are quoted at 1s. 1d. to 1s. 2d. per lb. on the spot.

RAUWOLFIA. — *Serpentina* is 6s. 3d. per lb. on the spot and 3s. 9d., c.i.f. *Canescens* is 1s. 6d. per lb., spot.

SEEDS. — (Per cwt.). ANISE.—Cyprian, 270s.; Tunisian, 265s., duty paid, both spot London. CARAWAY. — Dutch are unchanged at 162s. 6d., duty paid. CELERY. — Indian remains in poor demand at 140s., spot. CORIANDER. — Market continues firm. Spot: Moroccan, 95s., duty paid, nominal; Rumanian and Danubian selling at 75s., duty paid. Shipment: Moroccan are still quoted at 71s. to 72s. 6d., c.i.f., London. CUMIN. —Small business reported. Spot, Cyprian, 132s. 6d.; Moroccan old-crop, 135s., duty paid; Iranian, 125s., duty paid. Shipment, Cyprian quoted at 118s. 6d., c.i.f. DILL. — Indian is inclined to be a little easier at 60s., spot. FENNEL. — Quiet. Indian 87s, and Chinese, 85s., in bond. FENUGREEK. — Firm. Moroccan on spot is 72s. 6d., duty paid and for shipment, 57s. 6d., c.i.f. MUSTARD. — English, 57s. 6d. to 75s., according to quality.

SENEGA. — Spot value is 22s 6d. per lb. Shipment offers at 21s.

SERPENTARIA. — Offers for shipment are quoted at 40s. per lb., landed terms.

SHELLAC. — F.O.T.N. is 370s. per cwt.; F.O. No. 1, 395s.; fine orange, 415s. to 475s.

SLIPPERY ELM. — Grinding quality bark is 2s. 7d. per lb., landed.

SQUILL.—White is offered on the spot at 65s. to 70s. per cwt.

STRAMONIUM. — Indian LEAVES are 75s. per cwt. and European 80s. on the spot.

STYRAX.—Spot is 5s. 8d. per lb.

TRAGACANTH.—No. 1 ribbon is £170 to £175 per cwt.; No. 2, £130 to £135; No. 3, £115.

TURMERIC.—Madras finger on the spot is 160s. per cwt. New crop for March–April 1956 shipment reported offered at 107s. 6d., c.i.f.

Essential and Expressed Oils

ALMOND. — B.P. is limited at 7s. to 8s. per lb., as to quantity.

AMBER. — Rectified on the spot quoted at from 1s. 6d. per lb.

ANGELICA SEED.—Price per lb. is now quoted at 250s.

ANISE.—Chinese is quoted at 17s. 9d. per lb. on the spot and 17s., c.i.f.

BOIS DE ROSE.—Scarce, Brazilian is 34s. per lb. on the spot and 33s., c.i.f.

CASTOR. — Dearer. In minimum 2-ton lots the price of pharmaceutical quality for spot–January 1956 delivery is now £136 per ton, naked ex mill.

CITRONELLA.—Ceylon is 6s. 4½d. per lb. on the spot and 6s., c.i.f.; Formosan spot is 14s., in bond, with forward at 13s., c.i.f. Java type is not quoted.

COD-LIVER.—B.P. is 11s. 6d. per gall. in charged returnable drums. Veterinary is from 9s. 6d. per gall.

CORIANDER.—Russian-seed oil is quoted from 85s. to 95s. per lb.

LEMONGRASS. — Quiet. Spot is 14s. per lb., nominal. Shipment is 12s. 6d., c.i.f.

NUTMEG. — English-distilled oil is now 50s. per lb.

PALMAROSA. — East Indian is from 62s. 6d. per lb. on the spot and from 55s., c.i.f., for November–December shipment. Madagascar is 55s., spot.

PEPPERMINT. — *Arvensis :* Chinese is 33s. 6d. per lb. on the spot and 33s. 3d., c.i.f. Brazilian, 31s., spot, and from 29s. down to 26s., c.i.f., according to shipment date. Italian " Mitcham "-type oil is from 70s., spot, and American, 40s. to 47s. 6d.

PETITGRAIN. — Paraguay is quoted for shipment at from 23s. 6d. to 25s. 6d. per lb., c.i.f., and 25s. to 26s., spot, in cases.

PIMENTO. — English-distilled berry is 180s. per lb.; imported is scarce. Rectified leaf (imported), 27s. 6d. per lb.

PINE.—*Pumilionis* on the spot is from 16s. per lb.; *sylvestris,* 9s. Siberian (*abietis*), 14s.

ROSEMARY.—Spanish oil on the spot is from 5s. 3d. per lb., duty paid, for drum lots.

SANDALWOOD.—Mysore is 105s. per lb. on the spot. Very scarce. West Indian is 15s. per lb.

TANGERINE. — Sicilian is short on the spot at 45s. per lb. landed.

THYME.—Spot is about 10s. per lb. for the red, 40 per cent. phenols.

VETIVERT.—Bourbon in original drums on the spot is 85s. per lb.

UNITED STATES REPORT

NEW YORK, NOVEMBER 15: LITHIUM HYDROXIDE MONOHYDRATE was cut to 80 cents a lb. a reduction of 10 cents. Further weakness in MENTHOL brought the Brazilian down to $7·90, off 10 cents, and the synthetic LAEVO to the same figure, representing a drop of 35 cents. Higher per lb. among CRUDE DRUGS was SERPENTARIA at $5·25, up 15 cents. Lower were IPECACUANHA at $7·65, down 10 cents, and STYRAX at 75 cents (down five cents). Higher per lb. among ESSENTIAL OILS were DILLWEED at $3·60, up 10 cents; and NUTMEG at $4·25, up 20 cents. Lower per lb. were CHENOPODIUM at $3·80, down five cents; natural PEPPERMINT, $6·15 (15 cents); EUCALYPTUS, 70/75 per cent., 75 cents (five cents) with 80/85 per cent. at 85 cents (seven cents); and Brazilian BOIS DE ROSE, $4·35 (five cents). Imported GARLIC OIL declined to $3·75 per oz., down 50 cents.

WORLD TRADE

Kenya Pyrethrum Industry. — New laboratories and offices of the Pyrethrum Board of Kenya costing £25,000 have been opened at Nakuru by the Governor of Kenya (Sir Evelyn Baring). At the same time Sir Evelyn announced that a bill was being prepared which would give the industry greater control over its own affairs. The Governor recalled that last year Kenya produced 200 tons of dried pyrethrum flowers worth nearly £1 million. This, he said, was nearly one-quarter of the world's consumption. He was confident the pyrethrum industry was meeting the challenge of synthetic insecticides and that there was plenty of room for expansion.

BRAZIL'S EXPORTS

Increase in Drugs

COMPARING the first six months of 1954 and 1955, Brazil's exports of carnauba wax have increased by 460 metric tons to 5,409; bois-de-rose by 54 tons to 105; castor oil by 5,911 tons to 14,839; oiticica oil by 1,727 tons to 4,696; menthol by 90 tons to 121; and pharmaceutical preparations by 39 tons to 52.

The price of carnauba wax for shipment to the United States and Great Britain has been freed. The Foreign Trade Department in future is merely verifying that it is not lower than the quotation in producing centres, plus a reasonable margin for profit and expenses. For countries with bilateral agreements, based on "convention" dollars, the surcharge of 10 U.S. cents per lb. is being maintained to discourage re-exports. Several fraudulent shipments to the United States have recently been discovered, bags of low-priced castor seed having been found to contain appreciable quantities of carnauba wax.

The President has submitted an Exchange Reform Bill to Congress for approval. In its final form the Bill abolishes both export subsidies and the official rate of 18·82 cruzeiros per dollar (52·69 per £), leaving exporters free to negotiate their bills at the free market rate, which is now 66·70 per dollar, or 182·50 per £.

Imports Also Higher

Compared with the average of the preceding four years, Brazil's imports of pharmaceutical products increased in value in 1954 by 105 per cent. to 1,090 million cruzeiros, representing 16 per cent. of the value of local production. Antibiotics have accounted for 50 per cent. of Brazil's pharmaceutical imports in recent years. During the first six months of 1955 the value of imports dropped by 43 per cent., the biggest decrease being in sundry drugs. The transfer of penicillin from category 2 to category 5 has made the cost of the imported product almost prohibitive, thereby protecting local production, which now exceeds domestic requirements and leaves a margin for export. Penicillin has been entering Brazil from many countries, including Poland, Jugo-Slavia, Italy, Denmark and Japan.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Monday, November 21

FINCHLEY DIVISION, NORTH LONDON PHARMACEUTICAL ASSOCIATION, Bull and Butcher hotel, Totteridge Corner, Whetstone, at 7.45 p.m. Address on "Training of the Blind."

PHARMACEUTICAL SOCIETY, 17 Bloomsbury Square, London, W.C.1, at 7.30 p.m. Mr. F. Atkins, B.Sc., F.R.I.C., M.P.S., on "Some Pharmaceutical Aspects of Modern Cosmetics."

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, Unicorn hotel, Gidea Park, at 7.45 p.m. Ladies' night, arranged by Miss R. E. Smith (Yardley & Co., Ltd.).

WEST MIDLANDS BRANCH, INSTITUTE OF PACKAGING, Imperial hotel, Birmingham, at 6.45 p.m. Dr. T. H. Angel (Venesta, Ltd.) on "Aluminium Foils and Foil Laminates."

Tuesday, November 22

BRADFORD BRANCH, PHARMACEUTICAL SOCIETY, Victoria hotel, Bradford, at 7.45 p.m. Cosmetic lecture and demonstration (Yardley & Co., Ltd.).

GUILDFORD BRANCH, PHARMACEUTICAL SOCIETY, Queen of Hearts, West Street, Farnham, at 7.30 p.m. "Your Problems Please."

HOUNSLOW BRANCH, NATIONAL PHARMACEUTICAL UNION, Sun hotel, Hanworth Road, Hounslow, at 8 p.m. Mr. T. Heseltine (a member of the Pharmaceutical Society's Council and of the N.P.U. executive) on "Current N.H.S. and N.P.U. Topics."

NORTH STAFFS BRANCH, PHARMACEUTICAL SOCIETY, Grand hotel, Hanley, at 7.30 p.m. Dr. E. M. Donaldson on "The Skin—Some Common Fallacies."

WEST MIDDLESEX BRANCH, NATIONAL PHARMACEUTICAL UNION, Feathers hotel, Ealing Broadway, London, W.5, at 7.45 p.m. Mr. W. Talvan Rees (chairman of the N.P.U. executive) on "Pharmaceutical Service."

Wednesday, November 23

BIRMINGHAM PHARMACEUTICAL ASSOCIATION, Botanical Gardens, Edgbaston, at 8 p.m. Dance. Ticket 12s. 6d. from Mr. W. F. Norris, 270 Warwick Road, Olton, Birmingham, 27.

CROYDON PHARMACISTS' ASSOCIATION AND BRANCH, Greyhound hotel, High Street, Croydon, at 6.30 p.m. Annual dinner and dance. Ticket 22s. 6d. from Mr. H. R. Gilby, 81 Southbridge Road, Croydon.

ROYAL SOCIETY OF ARTS, John Adam Street, London, W.C.2, at 2.30 p.m. Mr. B. K. Blount (deputy secretary, Department of Scientific and Industrial Research) on "Research in Industry."

TEES-SIDE BRANCH, PHARMACEUTICAL SOCIETY, Constantine Technical College, Borough Road, Middlesbrough, at 7.30 p.m. The Marquess of Ely on "Agfacolor and Flash."

Thursday, November 24

CHELSEA SCHOOL OF PHARMACY ASSOCIATION, Williamson's Tavern, Bow Lane, London, E.C.4, at 7 p.m. Annual reunion dinner dance. Ticket 22s. 6d. from Mr. D. C. Harrod, School of Pharmacy, Chelsea Polytechnic, Manresa Road, London, S.W.3.

DARTFORD BRANCH, PHARMACEUTICAL SOCIETY, Wellcome Club, High Street, Dartford, at 8 p.m. Mr. Brian O'Malley (editor of *The Alchemist*) on "An Editor's Month—Behind the Scenes in the Production of a Pharmaceutical Monthly."

LIVERPOOL CHEMISTS' ASSOCIATION and BRANCH, Exchange hotel, Liverpool, at 7.45 p.m. Mr. W. T. Elder (a member of the Pharmaceutical Society's Council) on "Ethical Conduct in Retail Practice."

NORTH LONDON PHARMACEUTICAL ASSOCIATION, Theatre and dinner party. Ticket 27s. 6d. from Mr. Carl Norman, 229 Kensington High Street, London, W.8.

SOUTHEND-ON-SEA BRANCH, PHARMACEUTICAL SOCIETY, Imperial hotel, Westcliff-on-Sea, at 7.45 p.m. Dr. D. W. Liddell, M.B., B.S., M.R.C.S., L.R.C.P., D.P.M. (Runwell Hospital) on "The Effect of Drugs in Psychiatry."

Friday, November 25

BRISTOL BRANCH, PHARMACEUTICAL SOCIETY, College of Technology, Bristol, at 7.15 p.m. Dr. J. W. Fairbairn (head of the pharmacognosy department, School of Pharmacy, University of London) on "A Year in America." Illustrated address.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," November 2

For all goods (5)

VAVITIL, 744,678, by Glaxo Laboratories, Ltd., Greenford, Middlesex. FLUTHANE, 744,726, by Imperial Chemical (Pharmaceuticals), Ltd., London, S.W.1.

For pharmaceutical preparations and substances but not including penicillin or preparations containing penicillin (5)

ESOPED, 744,992, by Southon Laboratories, Ltd., London, S.W.15.

For photographic, optical instruments and lenses (9)

HILUX, 745,033, by Projection Optics, Ltd., London, W.C.1.

From the "Trade Marks Journal," November 9

For detergents for use in industrial and manufacturing processes (1)

Device with the word MAGNUS, 737,446, by Magnus Chemical Co., Ltd., London, W.1.

For polyethylene glycols and preparations, all being chemical products for use in biology and microscopy (1)

AQUAX, 743,677, by George T. Gurr, Ltd., London, S.W.6.

For chemical products used in industry and science (1)

CEDESA, 743,845, by Cedasa, Dental-Production, G.m.b.H., Heusweiler, Saar.

For all goods (1)

FIBRAMOLL, 745,014, by Cassella Farbwerke Mainkur, A.G., Frankfurt, Germany.

For non-medicated toilet preparations (3)

FRIENDSHIP, 739,672, RECOVERY, 739,674, by Shulton Inc., New York, U.S.A. CRESTOL, 741,315, by Harris & Randall, Ltd., Halifax, Yorks. Device of a sailing ship with the wording OLD SPICE, 741,548, by Shulton Inc., New York, U.S.A. BLUE ICE, B742,375, by Delavelle (G.B.), Ltd., London, N.1. CROOKES PERSONAL-BLEND, 744,159, by the Crookes Laboratories, Ltd., London, N.W.10.

For detergents (not for use in industrial or manufacturing processes) (3)

DERHEX, 744,034, by Roberts Windsor Soap Co., Ltd., Windsor, Berks.

For antihistamines and antihistamine preparations, all containing azine compounds (5)

VIBAZINE, 739,864, by Chas. Pfizer & Co., Inc., New York, U.S.A.

For insecticides and insect repellents (5)

INSECTALAC, 741,009, by Insecta Laboratories, Ltd., London, S.W.1.

For pharmaceutical, veterinary and sanitary substances; disinfectants; antiseptics; preparations for killing weeds and destroying vermin; insecticides (5)

DIVERSEY, 741,300, DIVERSIDE, 741,426, by the Diversey Corporation, Chicago, U.S.A.

PRINT & PUBLICITY

Advertising Campaigns

PHILIPS ELECTRICAL, LTD., Century House, Shaftesbury Avenue, London, W.C.2: Philishave. Half-page in *Daily Express* on November 23.

S. MAW SON & SONS, LTD., Barnet, Herts: Q-Tips. Dominating space in *Daily Mirror* on November 30. Regularly in women's leading popular magazines.

POST BUDGET PRICES

New selling prices of taxed medicines, cosmetics etc.

NOTIFICATIONS RECEIVED NOVEMBER 10–16. (PREVIOUS LISTS WERE PUBLISHED AS SUPPLEMENTS, NOVEMBER 5 AND 12.)

IN general products are listed below under their own proprietary names rather than that of the manufacturer, unless they are more familiar under the name of the maker. As that is to some extent a matter of opinion, it is advisable to try both ways before concluding that any particular item is not listed.

A–Cav

Acecolex trophic paste	5	2½
Adrepatine		
ointment	4	11
suppositories	12	6½
Agarlax	2	5
	3	8
	6	0
Ambrine paraffin wax		
180-gm. slab	12	3
tricandle	12	3
Anaquantine nasal drops	8	4
A.P.I. Stereo products		
Sterolist viewer	126	0
silver Sterolist	98	6
case for viewer and 30 slides	58	5
Stercax attachment	87	0
bracket	9	9
viewer	56	0
Steroflex complete	127	6
Stereo mounting jig	70	0
4¼ in. cover glasses (100)	9	0
metal automasks (50)	12	0
silver masks (100)	5	0
white masks (100)	3	6
automounts (50)	25	0
mount folders (50)	6	6
Aqualux exposure meter and case	333	7
Arcancil :		
mascara		
bijou	3	7
cream	4	5
silver pack	7	7
refill	4	10
eye shadow	4	10
make-up pencil	3	9
Asmadyn tablets	5	6
Astor projector (motor)	199	6
hand 9·5 m.m.	119	6
minor hand	79	6

B

Bacte-Dysenteri-Phage amp.	12	6½
Bacte-Intesti-Phage amp.	12	6½
Bacte-Rhino-Phage amps.	12	6½
Basket of Flowers toilet soap	5	
	10	
Baxen tablets		2½
	1	6
powders		2½
	1	7
Bilax pills	1	7
	3	9
Bismaso powder	3	1
	4	11
	8	10
Blue Lion tonic	1	11½
	3	4
	5	8
Boncilla clasmic pack	3	0
lemon-magnesia pack	3	0
Borothymene	2	2
	3	0
	4	3
Bufferin	4	6

C

Calped powder	4	3
cream	5	5
Cavalcade by Hanri :		
Cologne		
1001 Eau de Cavalcade with Vapsol atomiser	21	0
1002 with Vapsol refill	15	0
1003 Eau de Cavalcade introductory	6	3
1004 Eau de Cavalcade	15	0
	28	9
	52	0

Cav–Der

1007 Eau de Cavalcade with Vapsol atomiser (handbag size)	13	6
1007A with Vapsol refill	7	6
Perfumes		
1008 Cavalcade	5	6
	12	0
	38	6
	72	0
1012 Forever	14	6
	42	0
1014 True Love	5	6
Bath preparations		
1015 essence	14	6
	25	3
1017 oil	9	9
1018 salts	10	3
1019 talc	7	3
1020 dusting powder	15	0
hair and body frictions	3	9
toilet requisites		
1025 brilliantine	7	3
beauty preparations		
1026 Creme de Beaute No. 1	6	9
	12	0
No. 2	6	3
1029 special skin food	6	3
1030 astringent face mask	6	3
1031 hormone rejuvenator	20	6
	38	6
1033 cleansing cream	7	3
1034 hand and skin lotion	6	3
1035 complexion cleanser	7	3
1036 astringent	11	0
1037 skin tonic	6	3
1038 face powder	5	9
	10	6
soaps		
1040 guest toilet box	4	3
1041 Cavalcade toilet box 3 oz.	5	6
1042 Cavalcade bath box	7	6
1043 Cavalcade mammoth	7	6
1044 Cavalcade shower-cord	8	9
1045 Savon Citron	1	3
1046	3	9
1047 floral bouquet guest box	3	3
1048	4	3
1049 toilet box	3	0
shampoos		
1050 Hanri Egg		9
	3	11
coffrets		
1052 Cavalcade perfume, Eau de Cavalcade Cologne	27	0
1053 Eau de Cavalcade Cologne and Cavalcade talc	22	3
1054 Eau de Cavalcade Cologne and Cavalcade bath essence	29	6
1055 Eau de Cavalcade Cologne and atomiser	25	6
Cerevon tablets	5	9
Condy's fluid	1	9
Cryogenine (Lumière)		
powder	18	9½
tablets ·25 gm. 10	2	10½
·5 gm. 10	3	0
50	10	11
100	21	1
Cutex :		
cuticle remover	2	5
nail shampoo	3	0
nail flex	2	5
nail white pencil	1	8
powder polish, cutical cream and oil, liquid polish, polish foundation, oily polish remover	2	5
emery boards	1	8

D

Derl toilet soap	1	3
	2	6

Doa–Eyl

Doan's preparations		
backache kidney pills	1	7
	3	9
	6	2½
ointment	1	7
	3	5
Doge cream	2	9
Dr. Janssen's tonic laxatives	1	10
	4	9
Dr. Mackenzie's smelling bottle	1	9
	2	0
Dr. Scott's pills		8
	1	8
	4	0
Dufay and Coronet products		
cameras		
Flashmaster	31	3
Rapide 120 folder	89	0
3D binocular with plastic viewer	62	6
3D binocular-sync. with plastic viewer	66	8
3D junior with viewer	38	0
box 12/20	31	3
box F.20 sync.	36	9
Cameo	19	2
Coronet Cub camera	71	7
Ambassador non-sync.	31	3
Conway sync. box	34	9
Coroflash for 3D sync.	13	1
synchroflash for Cub	38	0
Cub portrait attachment	3	10
box portrait attachment	3	10
tubular eyelevel viewfinder	4	10
neckstrap for Cub	2	0
cardboard 3D viewer	1	9
plastic 3D viewer	5	6
Conway Stereo viewer	5	6
	15	9
case for Coroflash and camera	15	6
E/R for 12/20 and F.20	7	0
case for Rapide	10	9
case for 3D (Coronet)	12	6
filter for Flashmaster	6	9
case for Flashmaster	7	10
lenshood and portrait lens in wallet	7	10
Films		
Super 100 Pan. Vogue (V35)	2	3
Cameo	3	1
" 888 "	2	3
Dufaycolour 27	7	9
20 and Y.20	8	7
Dunco enlarger 35 m.m.	490	0
without lens	343	3
enlarger 2¼ in.	658	11
without lens	491	5

E

Edixa Stereo I	834	0
II	1292	8
III	1501	2
Stereo lens hoods	36	6
yellow filters	68	10
Edixa II coupled r/f	547	11
IIP	430	11
Elixir Gabail (Bromo-valerianate)		
187 c.c.	5	8
16 oz.	11	4
40 oz.	23	6
80 oz.	45	0
Emge (Lumière)		
ampoules	7	4½
tablets	8	1½
Encynex (Medethical Products, Ltd.).		
50	6	0
500	51	3½
Enterospasmyl (Logeais)		
mucilaginous	10	10½
tablets	8	2
Evergreen talc	3	0
Exalager	2	9
	4	6
Eylure :		
Lip-fix	3	8

Eyl–Fer

Tru-Tone eyebrow pencils	1	3
	2	5
Tru-Tone cosmetic pencils	1	7
	2	8
Tru-Blend cosmetic sponge	1	0
lipbrush	5	6
face powder brush	2	3

F

Femivar tablets	6	3½
Ferris :		
cream of bismuth	6	0
	10	6
	19	6
cremor analgesicum	6	3
Elixirs		
bronchitic	4	9
	7	10
cardiac co.	3	10
	6	3
cinnamon et quinin comp.	4	5
	7	5
codein et terpin hydrate	6	0
	10	4
diamorph. et terpin hydrate	4	6
	7	9
ephedrin, hydrochloride	6	3
	10	10
	20	2
	47	5
	93	0
pertussic	2	9
	4	3
	6	8
face powder brush	2	3
pertussic with ephedrin	2	11
	4	3
phosph. virid	3	0
	4	6
Ferris emollient dusting powder	3	1
	9	3
emulsio bismaso	4	10
glycerophosphates compound	3	1
	4	3
	7	2
lac magnesia	1	10
	2	11
	4	2
linctus codein	4	10
	8	2
infantalis	3	0
	4	6
	7	6
tussis	2	11
	4	5
tussis nig.	3	3
	5	0
liquor potass. bromid. co.	3	6
	5	9
lotio zinci sedativa	2	9
	3	8

CORRECTIONS TO PREVIOUS LISTS

The following corrections should be transferred to the lists published as supplements to THE CHEMIST AND DRUGGIST, November 5 and 12:—

Parke, Davis :		
Adrenalin and chlorotone ointment	4	2½
Orygene mouthwash tablets 500	16	2½

Alolol should read Alocol.

Atkinsons		
5946 face powder	5	9
lipstick	7	0
night cream 5620 (jar)		

Fer–Jac

mistura anethi		2	4
		3	0
carminfans		2	9
		3	8
tussinfans		3	11
		6	4
syrupus pectoralis rub.		3	8
		6	0
		10	6
syrup prunivex		3	11
		6	4
Ferromyn tablets		5	5
elixir		7	8
Field's lavender perfume		3	9
Flammalene		2	7
		4	6
Fleet enema unit		7	1
Foille emulsion capsules		2	5½

G

Gerard Bros., Ltd.:			
656 floral series		3	0
841 bath size		4	9
635 Gerard bath disc		1	3
Girl soap (Field's)		1	3
Gould's black cherry linctus		2	6
Grasshopper ointment		1	9
		4	2
		17	6
pills		1	9
		4	2
Gwilym Evans' quinine bitters			
liquid		3	10
		6	6
tablets		2	9
		4	10

H

Hemotabs		2	7
Hepvisc tablets	50	6	8½
	250	29	4½
Hill's bronchial balsam		2	9
		5	0
Hofel's garlic perles		2	5
		6	8
		12	3
		37	11
Homouir tablets		6	3½
Honeysuckle perfume		3	0
Horvex 2P.E. exposure meter		159	10
2 amplifier		66	8
zipcase		18	1
Hypon tablets		1	3
		5	10
Hypotensyl tablets	50	5	1½
	250	23	1½
	500	43	2½

I

Ino products			
940 toilet soap			6
771 floral cream series			8
906 Sobano series			6
680 white Windsor soap			4
			7
Iodamelis "P" (Logeais) tablets		7	4½
drops		8	2
Iodebesin tablets			
	60	7	2½
	120	13	6
	500	52	2½
Ipana tooth-paste		1	8
Ironate elixir		2	9
tablets		3	9
Isconar lens hood		21	8
screw-in filter with yellow filter and purse (Isonar only)		25	2

J

Jacques Fath:			
perfumes			
Fath de Fath	84	31	0
	S.38	33	6
	88, T.C.8	67	3
	815	105	6
	830	177	0
Canasta	41	28	10
	71	48	0
	141	72	0
	281	112	10
	561	187	3
	790	355	6
Iris Gris	20, T.2	26	6
	22	48	0
	222	64	10
	444	98	6

Jac–Kod

	666	158	6
	246	321	6
Chasuble	10, T.1	26	6
	11	48	0
	111	64	10
	333	98	6
	555	158	6
	135	321	6
coffret	340	72	0
Colognes			
Fath de Fath	58	18	9
	108	33	7
	208	61	3
	408	98	5
	808	187	3
Canasta	50	18	9
	100	33	7
	200	61	3
	400	98	5
	800	187	3
toilet-water			
Green Water	705	18	9
	710	33	7
	720	61	3
	700	67	3
	740	98	5
	780	187	3
Jane Seymour bathettes		6	6
		16	0
Jiffy dyes			4

K

Karso-chiefs	12	1	4
Karsote inhalant		1	4
		2	0
inhaler		2	0
vapour rub		1	1
		2	0
lozenges			6½
Karswood cat powders			10
		1	10
pig worming powders		3	6
dog powders			10
		2	0
		10	4
dog tablets			10
		2	0
pig powders		1	8
		32	0
poultry spice			9
		1	5
		4	8
		9	0
		17	0
		33	0
K.D.S. solution		2	5
		3	11
		7	2
		12	3
Keedosol		2	2
		3	8
cream		3	3
Kodak:			
roll films			
Verichrome	127	2	7
	120, 620	2	11
	116, 616	3	9
	118, 130	5	8
	122	6	8
Plus-X, Panatomic-X, Super-XX			
127		2	11
120, 620		3	4
116, 616		4	1
828		2	7
Tri-X			
120, 620		3	8
miniature films			
Plus-X, Panatomic-X			
135 cassette		8	3
unspooled film		4	8
		12	8
		56	5
Super-XX			
unspooled film		4	8
		56	5
Tri-X Panchromatic			
unspooled film		9	2
		14	1
Kodachrome films			
K.135, K.135A		25	2
		37	8
K.828, K.828A		13	4
Cine-Kodak 16 mm. films (reversal)			
Super-X and Super-XX			
standard spool		34	4
		57	9
magazine		45	7
spool (8 mm.)		23	6
magazine (8 mm.)		31	1
Kodachrome			

Kod

standard spool		45	7
		78	10
magazine		56	9
spool (8 mm.)		29	0
magazine (8 mm.)		36	7
sheet films			
orthochromatic			
2½ x 3½ in.		9	6
3¼ x 4¼ in		14	4
3½ x 5½ in.		19	5
4 x 5 in.		20	7
4¾ x 6½ in.		30	9
panchromatic			
2½ x 3½ in		10	3
3¼ x 4¼ in.		16	1
3½ x 5½ in.		22	0
4 x 5 in.		22	9
4¾ x 6½ in		33	9
plates (backed)			
orthochromatic			
2½ x 3½ in.		4	11
3¼ x 4¼ in.		7	5
3½ x 5½ in.		10	11
4 x 5 in.		11	3
4¾ x 6½ in.		15	10
panchromatic			
2½ x 3½ in.		5	3
3¼ x 4¼ in		8	6
3½ x 5½ in.		11	8
4 x 5 in.		12	4
4¾ x 6½ in.		17	3
lantern plates (unbacked)			
2 x 2 in. 5 x 5 cm.		4	7
2¾ x 2¾ in 7 x 7 cm.		5	8
3¼ x 3¼ in. 8.2 x 8.2 cm.		5	8
3¼ x 4 in. 8.2 x 10 cm.		7	1
sensitised papers			
1⅞ x 2¾ in.		1	5
		4	2
	d.w.	1	9
	d.w.	4	10
2½ x 2½ in.		1	5
		4	10
	d.w.	1	9
	d.w.	5	7
2½ x 3½ in.		1	9
		6	3
	d.w.	2	1
	d.w.	7	8
2⅞ x 4½ in.		2	5
		9	0
	d.w.	2	9
	d.w.	10	5
3½ x 4½ in.		2	9
		10	5
	d.w.	3	2
	d.w.	11	10
3½ x 5½ in.		3	10
		13	11
	d.w.	4	2
	d.w.	15	4
4¾ x 6½ in.		2	9
		11	2
		22	3
	d.w.	3	2
	d.w.	12	6
	d.w.	25	0
6½ x 8½ in.		4	6
		19	10
		39	7
	d.w.	4	10
	d.w.	22	3
	d.w.	44	6
8 x 10 in.		6	3
		14	7
		57	0
	d.w.	6	11
	d.w.	16	4
	d.w.	63	11
cameras			
Brownie 127		25	9
Reflex		69	6
Six-20 Brownie			
model C		41	8
D		48	8
E		58	5
Duaflex		83	5
Junior I		121	8
Junior II		175	2
Retinette f/3.5		435	1
Sterling II		243	3
Bantam colorsnap		250	2
camera cases			
801 for Brownie Reflex		9	5
838 for Six-20 Brownie		9	0
841 for Brownie 127		4	2
845 for Duaflex		11	10
846 for Juniors		11	1
763 leather, for Duaflex		39	7
755 leather, for Brownie Reflex		29	2
760 leather, for Juniors and Sterling II		41	0
762 leather, for Retinette f/3.5		52	2
903 plastic for bantam			

Kod–Nor

colorsnap camera		25	9
flashholders			
Duaflex		32	8
model II		29	2
camera bracket		4	10
cables			
type A, B or J		6	11
flashpack (excluding battery)		8	4
Kodisk lens attachments			
cloud filters			
250		11	6
285		12	10
320		14	3
370		16	8
close-up lens (+1)			
250		9	0
285		10	9
320		11	10
370		12	10
lens hood			
250		6	7
285		6	11
320		8	8
370		11	1
Kruschen salts crystal		1	4
		2	6
powder		1	4
		2	6
Kwells		1	6

L

Lemskin hand jelly		2	2
Lucien Lelong			
perfumes			
trial size	No. 79	6	4
	78	10	0
handbag size		16	10
		32	0
		48	0
chapeau matelot		21	3
Elizabethan		21	3
new standard		43	3
		72	0
		115	3
luxury presentations			
Indiscreet		57	7
		76	10
		115	3
		144	0
		168	0
Passionnement		43	3
		72	0
		115	3
travel pack	No. 20	81	7
	30	96	0
Orgueil		499	3
combined sets			
three of a kind		19	0
Cologne Tantalus		31	3
dress circle		37	10
Joli bouquet		48	0
Tout Lelong		48	0
coffrets			
flat		91	3
Bayadere		115	3
Elizabethan		105	7
lotions			
fragrances		6	4
		9	3
		16	0
		23	3
individual frictions		3	8
travel pack		38	5
perlé bottle	604, 714,	43	3
	608, 718	57	7

M

Mentex		1	7
Monastery herbs		1	3
		3	0
Movol			6
		1	0
Mycolactine tablets	50	3	6½
	250	14	10½
	500	28	4

N

Naiodine (Logeais)			
ampoules A		8	2
vitaminised A		10	2½
B		12	3
A forte		10	7½
B forte		14	8½
Neverill old salts		1	11½
Nevershine		3	7
Nigroids			10
North Staffs Photographic			
cable releases			
Gauthier	9 cm.	3	10
	16 cm.	5	3
ball and socket heads			
model O		12	10
I		18	10
II shoe to shoe		18	10
slide cabinets			

Nor–Phi

2 x 2 in. plastic	6	0
	12	6
plastic twin	24	0
metal	27	9
2¼ x 2¼ in. metal	32	9
automator enlarging exp. device	1280	0
d. and p. ribbon numbering machine	139	6
Nylife	2	3

O

Oatine preparations :		
cream	2	3
	4	0
	8	0
Snow	1	11½
	3	5
powder base	2	3
	4	0
face powder	4	0
talcum powder	4	0
soapless shampoo powder		6
		7½
toilet soap	1	6
bath soap	2	5
Royal Court Tintona		
hair dye	4	0
bleach	8	7½
Odo-Ro-No :		
305E	1	0
301, 311, 315E	2	0
321	2	6
327E	1	7
341	3	2
Opo-iodamelis (Logeais)		
tablets F	7	11
M	7	4½
Otto of Flowers toilet soap	1	3
	2	4

P

Pancrepatine A.F.D. pills	10	7½
Perilets	3	4
	6	8
Pheriban tonic tablets	2	0
	4	2
Philips Photoflux flashbulbs		
clear		
M type capless P.F.1.		8
adaptor	1	6
ASCC. P.F.3.		10
ASCC. P.F. 14	1	0
ASCC. P.F. 25	1	1
E.S. P.F.38	1	6
E.S. P.F.60	1	8
S. type E.S. P.F.100	2	6
FP type ASCC. P.F. 24	1	5
E.S. P.F. 45	1	10
coloured		
blue 1/97		10
25/97	1	3
60/97	1	10
100/97	2	0
45/97	2	0
yellow 25/98	1	3
60/98	1	10
100/98	2	9
24/98	1	7
45/98	2	0

Phi–Sed

Phospho-Soda solution (Fleet)	7	4½
Photopia rangefinder adj. case	37	6
camera case (Edixas)	5	11
	5	0
	75	0
(Stereo Edixas)	75	0
adj. holder and yellow filter	20	3
2 x yellow gel filters 3½ in. dia.	8	0
delayed action cable shutter release	29	2
Repro round tripod flat	83	5
	87	7
ball/socket	100	1
negative carrier glassless 35 m.m.	26	5
flashguns		
Blona metal P.F.1	29	2
Cosy A.S.C.C.	32	4
Mark 1 P.F.1	29	2
zipcase	11	10
flashlead 16 in.	7	3
Male flashplug	4	1
flashgun bar rubber covered)	9	1
normal bent	13	11
Rollei bent	14	7
Photopia stereo viewer	126	0
transformer	18	0
photo tints (12)	4	6
trimmer 9 in.	18	6
Protat	12	9

R

Radox bath salts	2	5
	4	4
cubes	2	3
Reipar amps	11	7
Rennies		4½
		10
	1	7
	2	9
Roberts Windsor :		
soap		
original brown	1	0½
	2	1
assorted toilet		10½
	1	9
palm and olive toilet		7
household		6
white Windsor		3
		6
	1	0
	1	2
white Windsor soap flakes		9
	1	5
bath oval	1	0½
	2	1

S

Safogen	1	10
	3	2
	14	6
with hexachlorophene	2	9
	4	11
	25	11

Saf–Tus

Saliode (Gabail) amps.	9	6½
external	7	1½
Sedrosol dry dressing	4	2
ointment	3	6
Shadforters diuretic tablets	1	11½
	6	0
Shadphos	1	11½
	3	4
	5	8
Shadspro	1	10
	3	0
	5	1
Shavex brushless shave	1	9
	2	8
jar	2	8
Sister Lauras soothing powders		8
Sno-mist powder	2	4
spray	2	4
Submarine swimming caps		
Clipper	2	9
	3	3
standard	3	3
Penguin	3	11
Seal	4	11
Trident	6	6
Skeleton	5	9
Syrotus	2	11
	4	3
	7	3
Syrup Pertussis (Gabail)		
4 oz.	4	11½
16 oz.	11	4
40 oz.	23	6
Syvitone	3	0
	4	9
	7	10

T

Tabnet	12	7
Teddylax		9
Tergasol	10	0
	17	6
Thionaiodine (Logeais) ampoules A	9	6½
Thionaiodine V (Logeais) ampoules	12	3
tablets	7	6
Tonagen	4	1
	7	6
Tonalix	3	0
	4	6
	7	6
Towle's pills	1	7
	3	9
	6	3
Trinitrine Cafeinee (Dubois) pills	5	5½
Trinitrine Papaverine (Laleuf) pills	8	10
Tru-gel hairdressing	3	0
Tusilana	4	10
	8	2
	14	9

U

Uraseptine (Rogier) granules	8	2
Urogenine (Gabail) granules	4	9

Vac–Zon

V

Vacco Master flask	7	3
refill	5	0
tea flask	9	3
refill	5	0
model S.C.	6	5
refill	4	3
model H.P.	5	10
refill	3	8
model Q.F.	12	11
refill	8	7
jug P.J.	19	0
refill	4	3
jar J.101	28	10
refill	17	2
cups		
tea flask	9	0
Master	9	0
S.C.	6	9
H.P.	5	7½
J.101	15	9
milk bottle for tea flask		10
V.I.P. baby soap		9
baby powder	1	9

W

Wata accessory shoe	2	5
bridging shoe	5	3
twin shoe accessory bar	10	5
handpost	9	4
Wata Diador viewer	39	0
transpar. frames	13	6
2 x 2 masks doubles	3	6
retouching knife and print trimmer	8	0
blades (10)	3	9
lens brush	4	6
angle bracket	31	11
flash testbulb A.S.C.C.	3	3
Testomat I	92	0
II	118	0
Wataflash extension clamp	62	7
tilter	15	4
Wataflash I capacitor gun	48	7
II calculator	61	11
zipcase (I, II)	9	4
Watameter super 12 in.-inf.	76	2
I 22 in.-inf.	52	1
II 22 in.-inf.	70	5
flash	83	9
leather case	8	1
54 capacitor gun	51	1
III (P.F.1.)	41	8
54 without test system	41	8
54 calculator	6	9
case	13	2
Wex health salts	2	4
White Lions antacid tablets	1	0½
	1	11½
	3	7

Z

Zap		5
Ziverg univ. camera clamp	22	11
	4	0
Zonobrone	2	4

C. & D. WEEKLY LIST OF PRICES

A=Advanced; R=Reduced; I.R.P.=Inclusive Retail Price; *=Tax 30 per cent.

IBCO PRODUCTS (from December 1)

	Doz.	I.R.P.
Sanilav B	14 3	1 7 *A*
E	23 10	2 8 *A*

NEW PRODUCTS AND PACKS

ALLEN & HANBURYS, LTD.

	Each	
Piriton expectorant linctus*	2 2	3 11
	30 0	54 0
injection 5 x 1 c.c. amps.	3 9	6 9
100 x 1 c.c. amps.	54 6	98 1½
tablets 25	3 9	6 9
500	60 0	108 0

BRITISH SCHERING, LTD. (from November 10)

Oblivon 500	66 6	88 8

GEIGY PHARMACEUTICAL CO., LTD.

Tebafen tablets 100		14 6
1,000		127 6

IMPERIAL CHEMICAL (PHARMACEUTICALS), LTD.

merchant shipping packs.		
Avloclor		27 6
		65 0
Paludrine		5 0
Sulphamezathine		49 10

MERCK-SHARP & DOHME, LTD.

Tyrotrace ointment	5 8	8 6

RIKER LABORATORIES, LTD.

Kolantyl gel*		6 4

JOHN WYETH & CO., LTD.

Penidural-sulphas suspension	50 c.c.	8 3
tablets	20	13 6
	250	140 0
Penidural oral drops	10 c.c.	6 0
Streptets	20	5 0

C. & D. RETAIL AND DISPENSING PRICE LIST

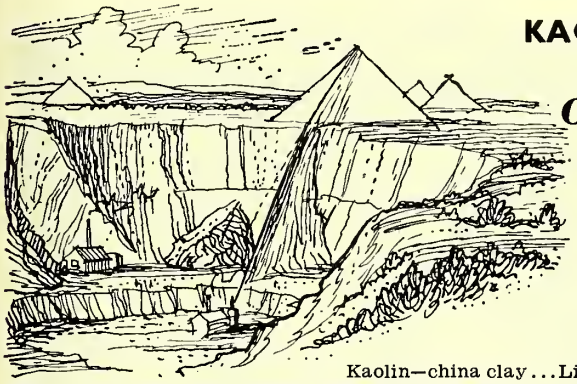
SURGICAL DRESSINGS		2½ in. s. d.	3 in. s. d.	4 in. s. d.	6 in. s. d.
Domette bandage 6 yd.		3 0	3 6	4 9	7 0
	1 oz.	2 oz.	4 oz.	8 oz.	1 lb.
Absorbent cotton wool, B.P.C.	8½	1 2	1 8	3 3	6 1

From November 14, the wholesale price of w.o.w. bandages was decreased by about 6 per cent. The wholesale price of flannel bandages was increased by about 2 per cent.

Sleep Sweeter BOURNVITA

Made by **CADBURY**

KAOLIN FROM CORNWALL ... *but overalls from Gardiner's*

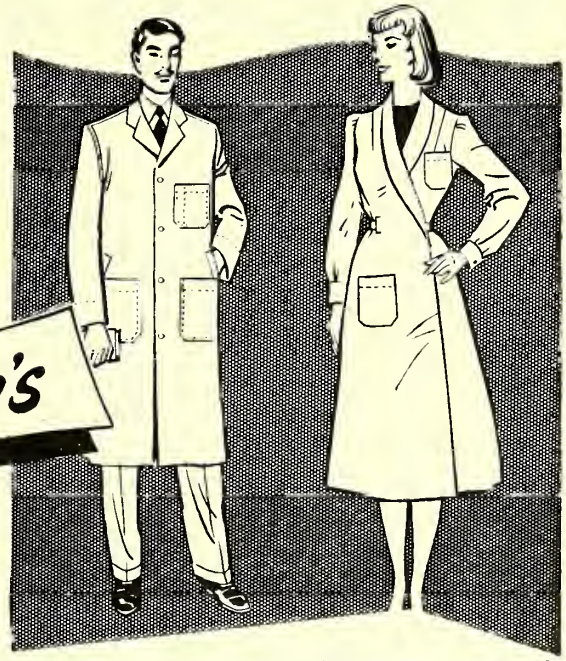


Kaolin—china clay ... Little ships from all the world anchor in Fowey river for their precious loads ... China clay for porcelain—and kaolin (the same thing) for pharmacies ... But Overalls from Gardiner's—material "medicinal" in its protective properties ... Write, please, for our new comprehensive catalogue and price list.

Illustrated left. Style C.40. Men's Long Coats in White, Khaki or Grey. 34" to 46" chest. **26/6** *and* **28/11.**

Illustrated right. Style C.70. Ladies' Drill Overalls in White. SW **22/6.** *W & WX* **24/6.** *OS* **26/6.**

Post orders welcome. Please enclose 1/3d. extra for postage and packing.



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THE OVERALL SPECIALISTS

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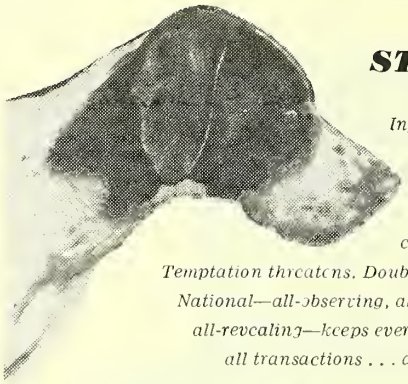

STRAIGHT to the POINT

Information to prevent *errors and information to* reveal *errors are first essentials in the operation of any business. In the absence of complete, reliable information, costly errors are hidden or covered up. Temptation threatens. Doubt and indecision prevail. The vigilant National—all-observing, all-recording, all-remembering and all-revealing—keeps everything under CONTROL . . . all transactions . . . all the time.*

- BOLD, white on black, wide-angle **indication** —reading left to right, front and rear.
- AUTOMATIC, **permanent record** of all transactions: Last 9 items always visible.
- AUTOMATICALLY PRINTED **customers purchase record**

Model no.* 132(7)2 *(Two-totals)

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Northern Factory:
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West Cumberland
Tel: Cleator Moor 310

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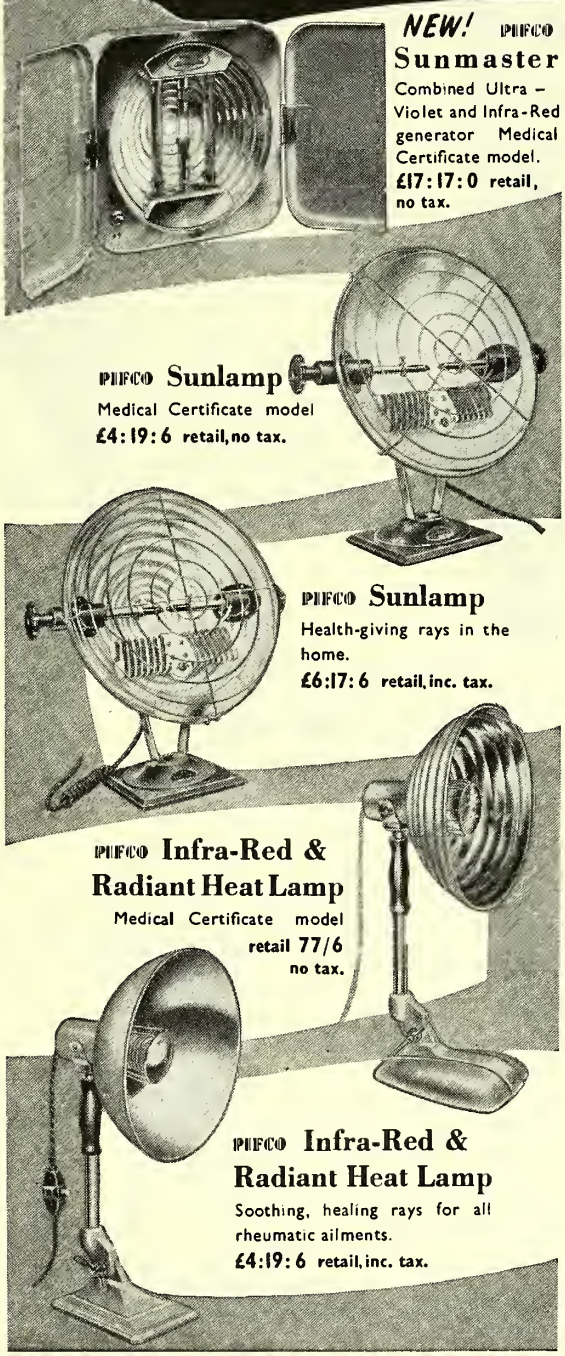

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Combined Ultra – Violet and Infra-Red generator Medical Certificate model.
£17:17:0 retail, no tax.

PIFCO **Sunlamp**
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£4:19:6 retail, no tax.

PIFCO **Sunlamp**
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for the busy pharmacist

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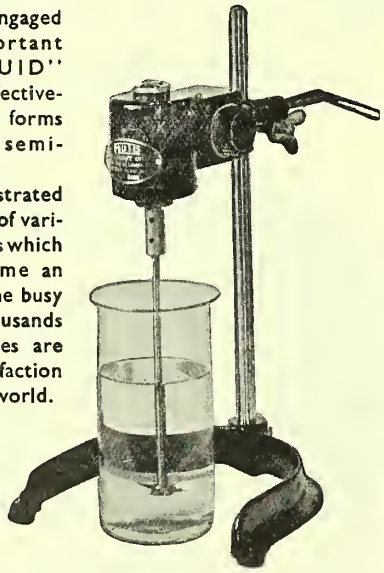
The machine illustrated is one of a range of variablespeed models which have now become an ESSENTIAL to the busy Pharmacist. Thousands of these machines are now giving satisfaction throughout the world.



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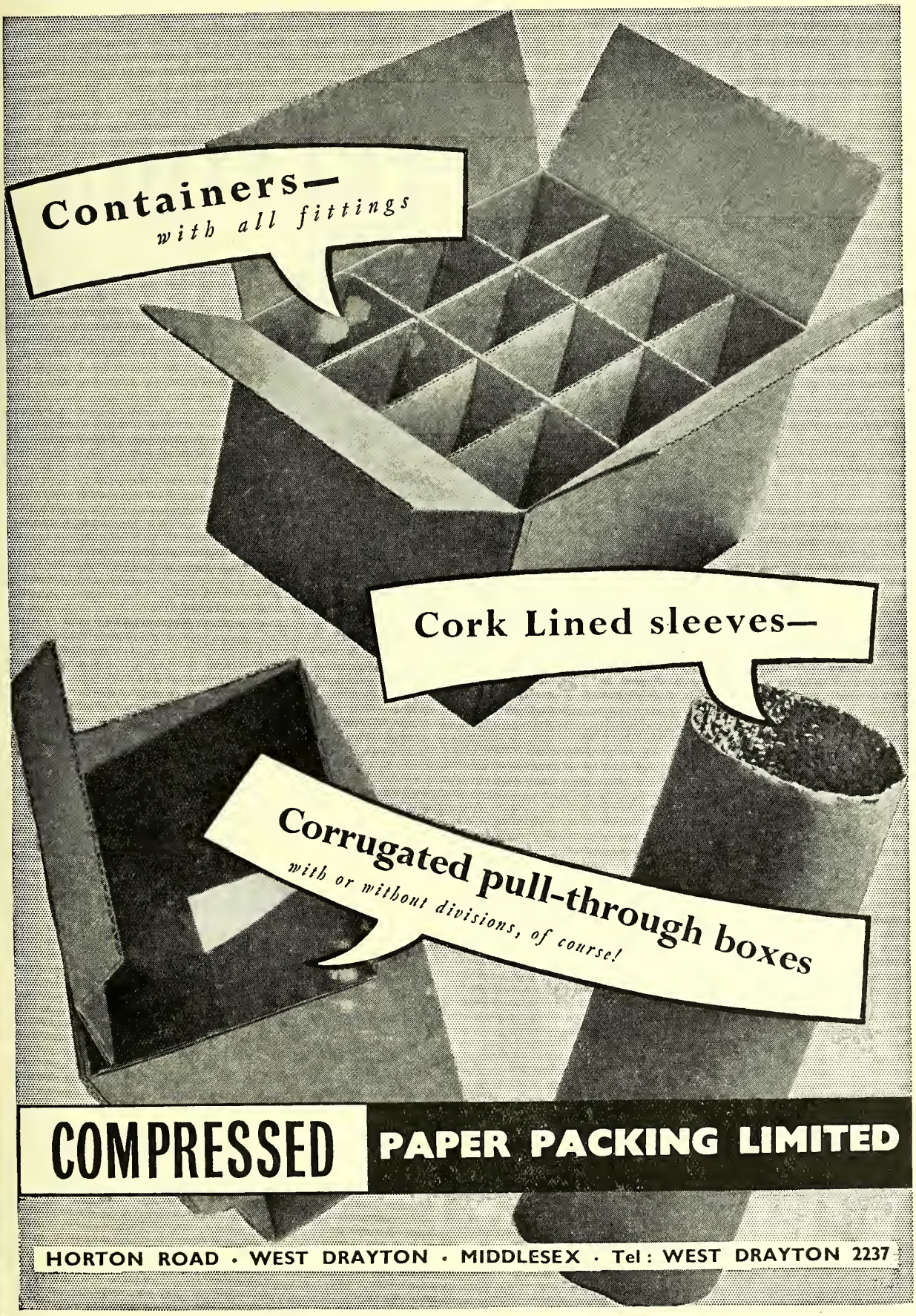
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with all fittings
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with or without divisions, of course!
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This winter-sell the Gayelord Hauser vitamin range

RECOMMENDED BY

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NOW IS THE TIME when people are thinking about winter . . . and how best to avoid that dismal routine of colds and 'flu which winter so often brings. Many will wisely supplement their daily diet with extra vitamins—nowadays most readily available to the public in capsule and tablet form✳, as recommended by Gayelord Hauser, the world-famous dietician.

Many too will follow the G.H. 'two-capsule system' which looks like being so successful this winter. The handy pocket-size pack of G.H. vitamins holds a supply of two different capsules—one containing *all* the essential vitamins, the other containing a variety of important minerals.

G.H. vitamins are not at all expensive . . . and current advertising in the News of the World, Sunday Graphic, Illustrated, Picture Post and Everybody's—as well as a "Buy-line" in the fascinating Reader's Digest series—is giving them an extra boost just as the 'cold season' begins. *Your* next move is to stock up at once with the G.H. vitamin range and be ready to meet the inevitable demand.

✳ Individual G.H. vitamins include:—Vitamin A and D—Vitamin B compound — Vitamin C — Vitamin E — Calcium with Vitamin D — Wheat Germ Oil.

Sales aids, too!

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BESORBON
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*the **proved** remedy*

for colds and catarrh

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KAY'S
for coughs

* *feature Kay's display material prominently on your counter*

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LINSEED COMPOUND

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1 pure, crystallizing, approx. 100%
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Oil Euc. Dives 40/45%
Phellandrene

70/75% Rectified B.P.
Piperitone 90/95%
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UNIFORMITY OF QUALITY · CONSISTENCY OF ODOUR

Agents for U.K.: **WILSON & MANSFIELD, LTD., 15 Philpot LANE, LONDON, E.C.3**

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Sebbix

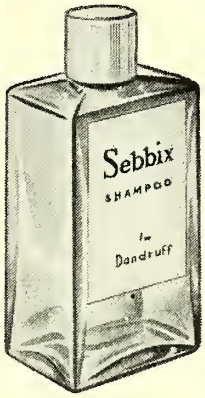
SHAMPOO

safeguards hair health highlights hair beauty

A new shampoo medically recommended for dandruff, Sebbix can be sold with complete confidence as it is absolutely safe to use as a general shampoo. Its rich, soapless lather penetrates even the thickest hair, protecting it from infection and leaving it soft, silky and easy to manage.

Retail Price:
Bottle for 6-8 good shampoos, 3/3, including Purchase Tax.

Trade Price:
23/- per dozen, subject to the usual discounts.



DOCTORS RECOMMEND Sebbix Shampoo

which contains purified fractions equivalent to 2% coal tar and hexachlorophene 1% in a specially formulated soapless shampoo base. Sebbix shampoo answers a universal need and opens the door to a large market for the chemist. Make that market yours. Stock, display and sell Sebbix shampoo.

GENATOSAN LIMITED
Loughborough, Leicestershire

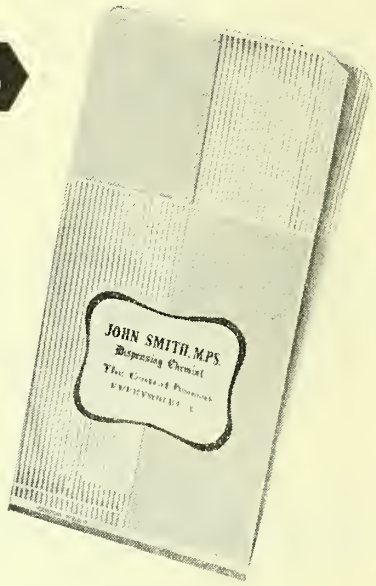
Your own name can be printed on Certor Counter Satchels at small extra cost. There is a choice of designs in this attractive range. They are good quality satchels at competitive prices. Note the low rates for own-name printing:

Per	5,000	10,000	25,000	50,000
1,000	3/-	1/9	9d.	Free

These quantity prices for own-name printing apply to satchels of the same size and design. Orders for own-name printing should be placed 2-3 months in advance of requirements.

It adds **LITTLE** to the cost

It adds **MUCH** to the effect



If it's paper or made with paper get it from

MACDONALD'S OF MANCHESTER

MACDONALD & SON LTD. · HOPE MILLS · POLLARD STREET · MANCHESTER 4

TUSSOLA ..... for TROUBLESOME COUGHS

A NEW CF LINE

FOR TROUBLESOME COUGHS

This cough preparation has for its basis a mixture of treacle, honey and liquorice, with squill, peppermint and aniseed, etc., and a small dose of the drug " Pholcodine."

" Pholcodine " is considered to have all the advantages of morphine in the suppression of unproductive cough, without its disadvantages. In its favour are its low toxicity and its lack of influence on bowel movement and tone, it is non-constipating and it is well tolerated by children. It is also more active than Codeine, less toxic and has fewer reactions.

PRICES:

	Trade per doz.	P. Tax per doz.	Retail per bottle
4 oz.	17/-	5/1½	2/7
8 oz.	29/-	8/8½	4/5

BONUS—Orders of 1 dozen—1 bottle
Orders of 3 dozen—6 bottles

Crowner, as illustrated, free of charge.

A PRODUCT OF
Cuxson, Gerrard & Co. Ltd.
OLDBURY BIRMINGHAM

Cotton Wool Dispenser Pack

- ★ Only as much as you need is pulled out at a time.
- ★ Package has tuck-in ends and can be re-sealed.
- ★ Cotton Wool kept clean throughout.
- ★ Elegant design of pack appropriate for a lady's dressing table.

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Money-saving

Profit-making

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DELSEY*

Two-Roll PACK

TWO 1/3 ROLLS FOR 2/4

WOMEN WILL BUY TWO ROLLS INSTEAD OF ONE!

* New Delsey tissue — soft enough for anyone, strong enough for everyone.
* Comfortable as baby's cotton wool—every bit as absorbent.
* Tears neatly, cleanly.
* Nationally advertised—like all Kleenex products.

FREE self-service Floor Dispenser with every case!

Every case of 2-roll Delsey converts easily and quickly into a strong, attractive floor dispenser. Displays 24 packages, has room for an additional dozen or more Delsey Single Rolls. Saves storing the container — saves valuable space in your store.

Displays and sells for you at the same time!

	CASE PACKING	RETAIL	TRADE PRICE PER DOZ.	TRADE PRICE PER CASE	YOUR PROFIT
Two-Roll pack	2 doz.	2/4	20/-	£2 0 0	28.6%
Single Rolls	4 doz.	1/3	11/-	£2 4 0	26.7%

Price crowners for self-service unit come in every case.

EXTRA PROFITS: Delsey may be included in assorted 5-case orders of Kleenex* and Kotex* for special 5% Display Allowance.

NEW LOW PRICES

FULL 4d. PROFIT ON SINGLE ROLL

FULL 8d. PROFIT ON 2-ROLL PACK

Available immediately—order from your regular supplier *today*.

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These bottles have all been produced from stock moulds, and individuality is obtained by ringing the changes with colours and contrasting colour printing to give your product that tailor-made packaging look. If your product needs to be sprayed, puffed, poured through a small aperture, dispensed drop by drop or just packaged attractively, then Poly-Tainer have the answer to your problems. We make these unbreakable polythene containers in all shapes and sizes from 4 cc. to 15-gallons, and the choice of colour is yours. Distinctive coloured Poly-Tainers from stock moulds means that your product can have an individually styled package **without any tool costs.** *Of course, we undertake custom styling on request.*

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Display-and you'll sell

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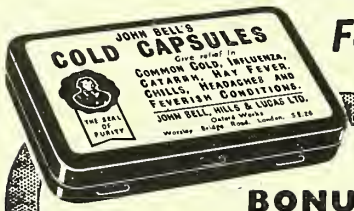
COLD CAPSULES

For Influenza, Feverish Chills and Colds



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13 to the dozen for orders of 3 dozen or more, plus attractive display material that creates impulse sales.
Retail price 1/10$_2$ (incl. Tax) per tin.
Trade 11/6 per dozen (P. Tax 3/5½).

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The Best costs no more!

when ordering ZINC OXIDE
insist on —

FELLING

ZINC OXIDE B.P.

AND GET THE

Highest Standard of Purity

WHOLESALERS ONLY SUPPLIED
ENGLISH MANUFACTURE
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Guaranteed free from lead and arsenic. Its manufacture is supervised throughout by qualified chemists. Each particle size will pass 240 mesh with less than 0.1% residue.

We supply most Wholesalers, but should you have difficulty please contact

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Manufactured by **FELLING ZINC OXIDE CO., LTD.**

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AMISYN TABLETS

for the treatment of

CHILBLAINS

Acetomenaphthone B.P. 10mg.
Nicotinamide B.P. 50mg.

COUNTER DISPLAY UNIT OF
12 CARTONS EACH 24 TABLETS
BONUS OFFER
UNTIL DECEMBER 31st 1955
13 TO THE DOZEN

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MBL MBL

Enterofagos

POLYVALENT INTESTINAL BACTERIOPHAGE

The BIOLOGICAL treatment for most intestinal, para-intestinal, kidney and bladder infections

ENTEROFAGOS is one of the series of M.B.L. preparations which enjoy the confidence of the Medical profession in this country and overseas. It is of established therapeutic value in the treatment of infective conditions of the gastro-intestinal tract, kidneys and bladder.

ENTEROFAGOS contains the active bacteriophages against Staphylococci, Streptococci, B. coli, B. Typhosus, B. paratyphosus, B. dysenteriae and Enterococci. Whatever the dosage, it can be given to adults or children without fear of harmful reactions, and this combination of efficacy and safety makes ENTEROFAGOS the ideal treatment for the infective conditions indicated.

The preparation is contained in ampoules to be taken orally according to the instructions supplied.

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Most cases of **Diarrhoea** respond rapidly to treatment with ENTEROFAGOS. **Colitis, Enteritis, Entero-colitis, Typhoid and Paratyphoid Fevers, Bacillary Dysentery, B. Coli Infections, Food Poisoning** are equally responsive to its treatment.

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IN NYLON HAIR NETS — AND SMART, MODERN PACKS!

1. Bright Film envelopes on this attractive hanging card do an excellent 'reminder' job. 3 or 6 dozen per card, in any shade assortment.
2. LION '8' nets show to your advantage in this stand-up counter dispenser, easily displayed for quick and easy sales.
3. Close-up of the eye-catching LION envelope.

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LION '7' (strong general-purpose nylon net). LION '8' (15-denier, small mesh). LION '9' (also very fine). All available from your wholesaler. In event of difficulty we will gladly send the name of your nearest supplier.

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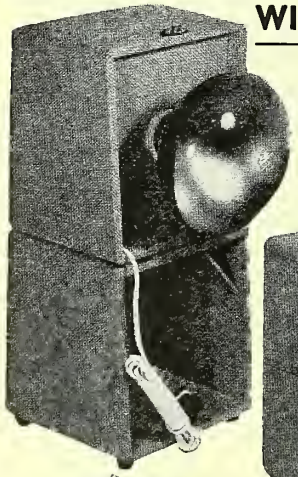
A SHAW PRODUCT

Makers of quality hair nets since 1905

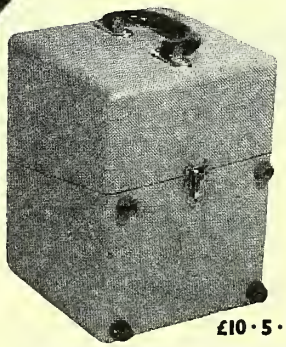
INVISIBLE IN WEAR ● IN ALL HAIR SHADES

WINTER IS COMING!



SELL SUN!

THE NEW PORTABLE
NERON QUARTZ
ULTRA-VIOLET HEALTH RAY LAMP



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Complete with 9 ft. FLEX and Adaptor. Dimension 10" x 7" x 7" Weight 5 lbs.

New Prescription Models
THE LOWEST PRICED
INFRA-RED UNIT
COMPLETE WITH FLEX AND ADAPTOR
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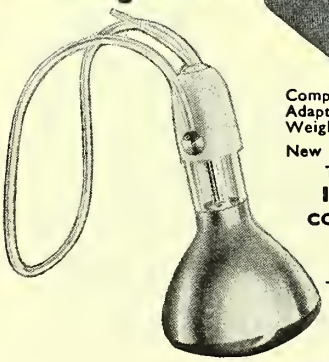

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2½d STOCKING (except Black) .. 20/- gross
4d. COLD WATER, CURTAIN and Black Stocking Dyes .. 32/- gross

Order Dyes and Shade Cards from our Agents
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FOR HARDWOOD APPLICATORS

100 boxes and over 3/- per box. 50 to 99 boxes 3/3 per box, under 50 boxes 4/- per box.
Standard pack, 6 gross to a box.

IMMEDIATE DELIVERY FROM LONDON STOCKS

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TONGUE DEPRESSORS

LOWEST PRICES SINCE THE WAR

Size 6in. × ⅝in. × 2mm. thick. Danish beech, perfectly finished. Boxed 100's. Minimum order 10,000.

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Specialists in Veneer and Plywood Products for all Trades.
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. . . we have built up a comprehensive service, backed by over 50 years of effort and experience. We can always be relied upon for accuracy and uniformity in our products, and for prompt deliveries of

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PRIDE COLOUR STREAK, for lovely Tints, Streaks, High Lights in brush capped bottles. Retails 3/9.

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Kwick-dry

(HOUSEHOLD)
PAPER TOWELS
In Perforated Rolls at 1/11
FOR THE MODERN HOUSEWIFE

They save work and drudgery, serving a multitude of purposes in the Kitchen.

FOR DRYING HANDS · POTS and PANS · CLEANING · DRAINING FRIED FOOD, etc.

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The new kind of wave-set that sets the pace for wave-set sales

TRADE PRICE **14/5d.** per doz. 90% Tax

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TRADE PRICE **6/3d.** per dozen cards. 90% Tax
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Regd. Trade Mark — B.P.C. STANDARD

The original British made preservative with its wide use for pharmaceutical and cosmetic preparations.

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CURICONES

Your wholesaler can supply you on the same terms as capsules.

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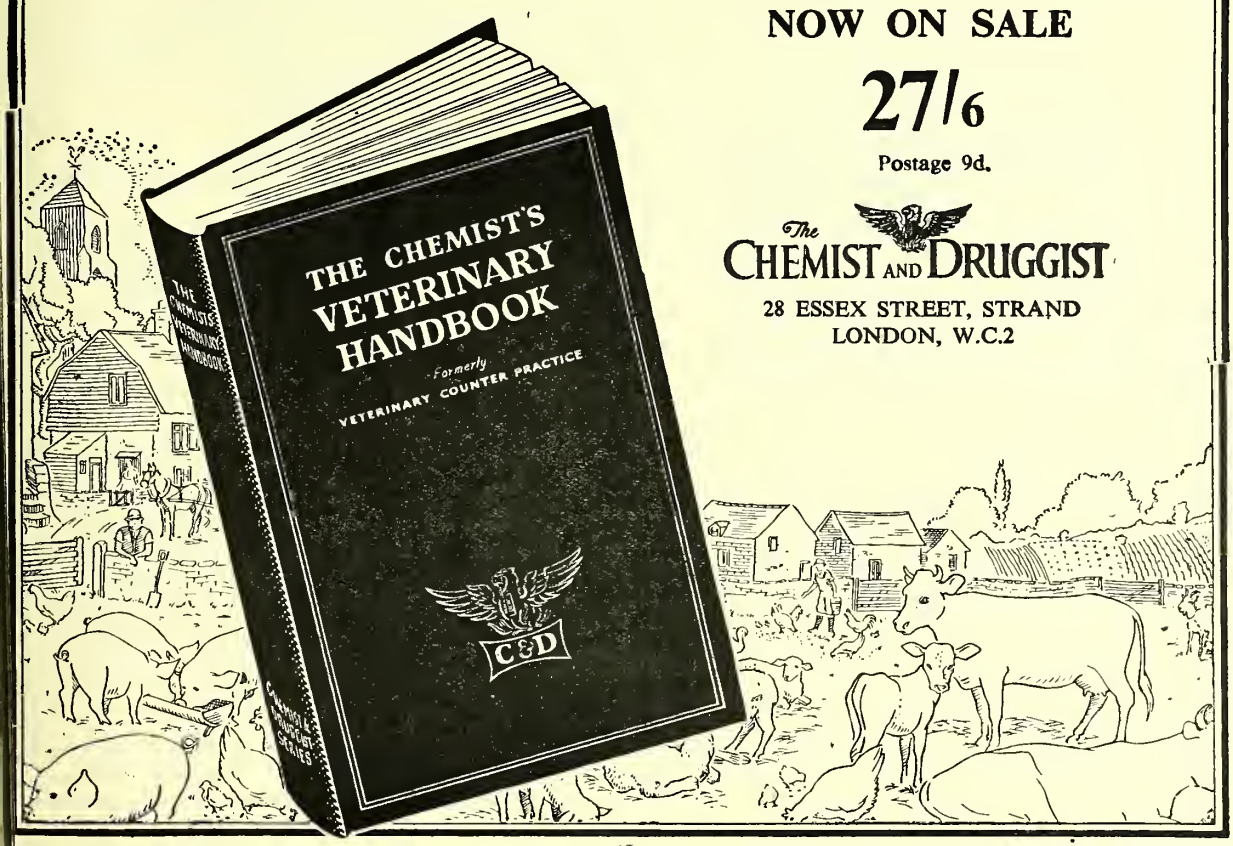

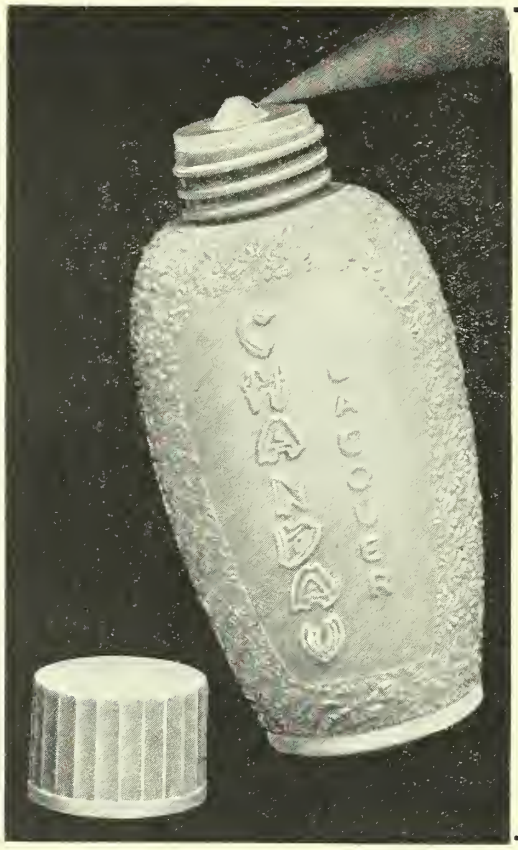

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for the delay in despatching your order for

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The great demand for this TOP SELLER has caused a temporary shortage, but we hope to improve supplies within the next few weeks, when production from our new factory will be forthcoming.

5/6 SIZE 39/- Per Doz.

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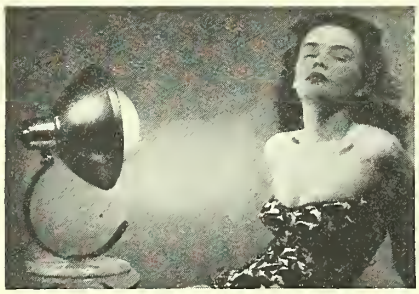
ULTRA-VITALUX APPARATUS



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The CHEMIST AND DRUGGIST
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(and for further orders)
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three large tablets in a pink 'open-up' box, wrapped in Christmas cellophane—retail price 3/9d.

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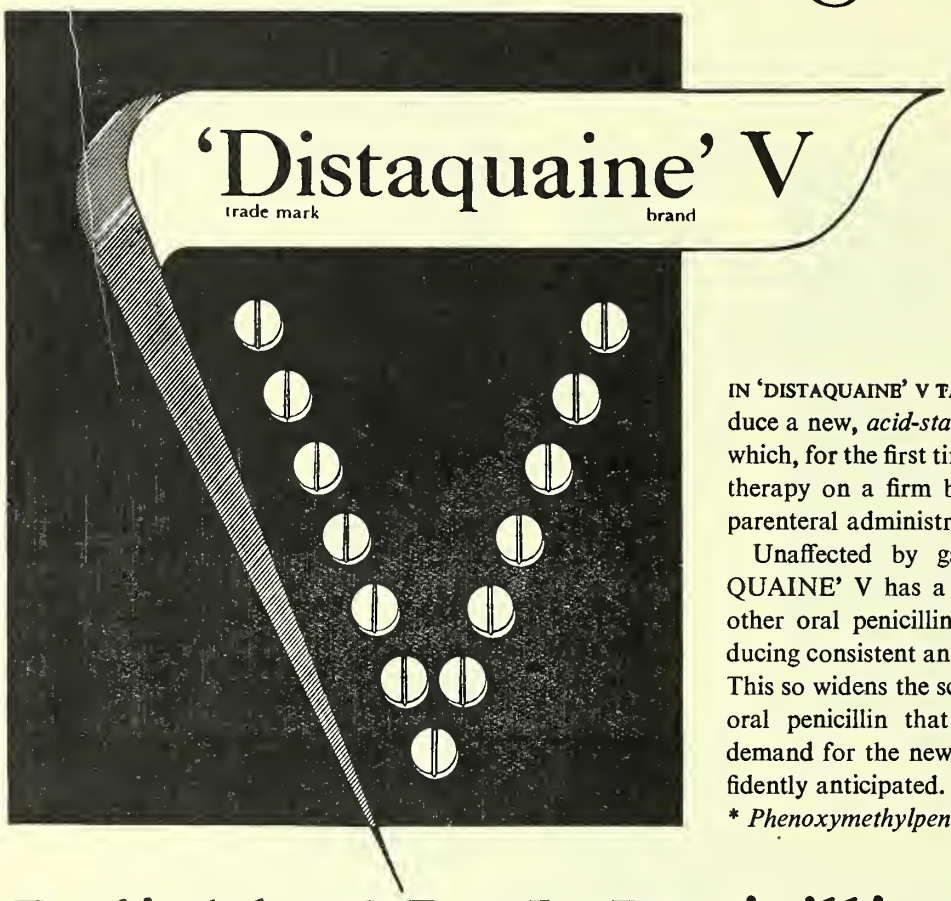
J. BIBBY & SONS LTD., LIVERPOOL, 3

Introducing



IN 'DISTAQUAINE' V TABLETS, DC(B)L introduce a new, *acid-stable* form of penicillin* which, for the first time, puts oral penicillin therapy on a firm basis comparable with parenteral administration.

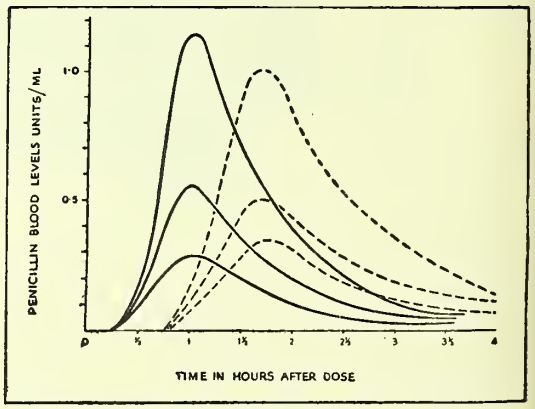
Unaffected by gastric acid, 'DISTAQUAINE' V has a great advantage over other oral penicillin preparations in producing consistent and reliable blood levels. This so widens the scope of treatment with oral penicillin that prompt prescription demand for the new product may be confidently anticipated.

* *Phenoxymethylpenicillin*

Reliable ORAL Penicillin

'DISTAQUAINE' V TABLETS *offer the following advantages over existing oral penicillin preparations:*

* UNAFFECTED BY GASTRIC ACID
* BETTER ABSORBED
* CONSISTENT AND PROLONGED BLOOD LEVELS



The solid line indicates the effect when 'DISTAQUAINE' V TABLETS *are taken before meals: the dotted line, when they are taken after meals: the three curves in each case represent the effect of 1, 2 & 4 tablets respectively.*

Distributed by:

ALLEN & HANBURYS LTD. BRITISH DRUG HOUSES LTD.
BURROUGHS WELLCOME & CO. EVANS MEDICAL SUPPLIES LTD.
IMPERIAL CHEMICAL (PHARMACEUTICALS) LTD.

You should have already received detailed literature, but if not, this will gladly be sent on request.

Packs: Screw cap bottles of 30 (sufficient for one case of average severity), 200 and 1,000 tablets.

PRICES: 30 — 10s. 3d. 200 — 58s. 3d.
1,000 — 276s.
Subject to discount.

'DISTAQUAINE', a trademark, is the property of

THE DISTILLERS COMPANY
(Biochemicals) Limited,
DEVONSHIRE HOUSE, PICCADILLY, LONDON, W.1.

34/55

The CHEMIST AND DRUGGIST
CLASSIFIED ADVERTISEMENTS
Supplement
28 ESSEX STREET, STRAND, LONDON, W.C.2

ORRIDGE & COMPANY 184 STRAND, W.C.2
Tel.: TEMple Bar 9212/3 & 6340
CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL
BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF
Irish Representative: Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland. Tel: Belfast 27078

PREMISES FOR SALE

17/6 for 36 words (min.) then 4d. per word Box 2/-

MANUFACTURING CHEMISTS in West Riding industrial area have compact business unit for disposal including modern two-storey freehold property comprising manufacturing, warehouse and office space. Boiler and other plant, motor vehicles, raw materials and made up stocks. Eminently suitable as branch or depot of large or multiple manufacturing concern. Box C 3124.

BUSINESSES FOR DISPOSAL

17/6 for 36 words (min.) then 4d. per word Box 2/-

HERBAL DRUG STORES, lease 10 years. Stock, and fixtures. Small living accommodation furnished. Profit £25 week. Trial given. Immediate possession, £2,500. Horsenail, 36 Cameron Road, Seven Kings, Ilford, Essex. Phone: Seven Kings 2987. C 3095

ILFORD. Desirable main position. Established drug store with plenty of room for pharmacy. Very suitable chemist. Good lease, 13½ years to run. Possession early January. Box C 3104.

SMALL, WELL-ESTABLISHED CHEMISTS' business with modern freehold property and attractive living accommodation. High-class residential area, south side of Birmingham. Price £4,000, s.a.v. Pepper, 27 Temple Street, Birmingham. Midland 7094. C 9424

APPOINTMENTS

18/- per half inch (min.) and pro rata. Box 2/-

NETHERNE HOSPITAL, COULSDON, SURREY

Assistant in Dispensing

required. Whitley Council salary and conditions of service. Applications to Physician Superintendent immediately. C 9417

ROYAL PERTH HOSPITAL, WESTERN AUSTRALIA

Chief Pharmacist

APPLICATIONS ARE INVITED for the appointment of CHIEF PHARMACIST.

Salary: £1,413—£1,448 per annum (Aust.)

These rates are at present under review.

Conditions equivalent to Public Service; including Long-service Leave and provision for Superannuation.

The Royal Perth Hospital is a designated Medical Teaching Hospital, it has more than 600 beds and is extending The Pharmacy is situated in the new buildings and the established staff under the Chief Pharmacist number 15.

Further information available upon request. Applications must include particulars of age, qualifications, experience and the names of two referees, and should reach the undersigned on or before January 15, 1956.

JOSEPH GRIFFITH,
Administrator.
C 9407

CENTRAL ELECTRICITY AUTHORITY EAST MIDLANDS DIVISION

Applications are invited for the following positions within the Division :—

First Assistant Chemist
Castle Donington Power Station
Vacancy No. 199/55/C&D.

Previous experience in a Power Station laboratory is essential and candidates should preferably be Associates of the Royal Institute of Chemistry or hold an equivalent qualification. Candidates must be familiar with the methods of sampling and analysis of coal, oil and water and with the interpretation and application of the analytical results. Experience with problems arising from high pressure, high temperature operation and of the solution of such problems is desirable.

Salary will be in accordance with Class L, Grade 9 (£900 — £975 per annum) of the National Joint Board Agreement.

Closing date for receipt of applications, November 25, 1955.

Second Assistant Chemist
North Wilford Power Station
Vacancy No. 195/55/C&D.

Candidates must have had a sound technical training and some previous Laboratory experience and should hold the Ordinary National Certificate.

Salary will be in accordance with Class K, Grade 11 (£755 — £800 per annum) of the National Joint Board Agreement.

Closing date for receipt of applications, November 25, 1955.

General Assistant Engineer (Chemist)
Castle Donington Power Station
Vacancy No. 198/55/C&D.

Candidates must have had a sound technical training and some previous laboratory experience and should hold the Ordinary National Certificate in Chemistry.

Salary will be in accordance with Class L, Grade 18 (£515 — £560 per annum) of the National Joint Board Agreement.

Closing date for receipt of applications, November 25, 1955.

These appointments will be pensionable within the terms and provisions of the Central Electricity Authority and Area Boards Superannuation Scheme.

Applications should be submitted on the official form AE6/ACT, which may be obtained from the Divisional Establishments Officer, Central Electricity Authority, P.O. Box 25, Barker Gate, Nottingham, and should be returned to the undersigned by the date stated. Please quote Vacancy Number.

L. F. JEFFREY,
Divisional Controller.

November 11, 1955.

C 9419

ST. MARGARET'S HOSPITAL, EPPING

Pharmacist

required at the above hospital. Salary and conditions of service in accordance with those laid down by the Pharmaceutical Whitley Council. Apply, giving details, to Superintendent of hospital C 9396

NOTTINGHAM No. 2 HOSPITAL MANAGEMENT COMMITTEE

Pharmacist

Applications are invited for the post of Pharmacist (female) at the

NOTTINGHAM WOMEN'S HOSPITAL

Salary scale £500—£725 per annum.

Applications, stating age and qualifications, together with the names of two referees, should be sent as soon as possible to the Group Secretary, Nottingham No. 2 Hospital Management Committee, Sherwood Hospital, Nottingham. C 9406

SUNDERLAND TECHNICAL COLLEGE

Principal: D. A. WRANGHAM, M.Sc. (Lond.), Sen.Wh.Sc., D.I.C., A.C.G.I., M.I.Mech.E.

APPLICATIONS are invited for the following posts in the Pharmacy Department

1. Lecturer or Assistant Grade B in Pharmacognosy.

Candidates should be graduates in Pharmacy or hold a qualification of the Pharmaceutical Society. Industrial, research or teaching experience will be an advantage though not a necessity. The successful candidate will be required to assist in the teaching of Pharmacognosy up to the standard required for the Examination of the Pharmaceutical Society.

The appointment will be in accordance with the Burnham (Technical) Scale for Lecturers or Assistants (Grade B), according to qualifications and experience. The salary scales are:

Lecturer—

Men ... £965 x £25 to £1,065 per annum
Women ... £772 x £20 to £852 per annum *

Assistant Grade B—

Men ... £525 x £25 to £820 per annum
Women ... £475 x £20 to £655 per annum *

plus allowances of up to £104 for degree and training.

Additional allowances may be made for experience.

*plus equal pay increments rising to maximum of scale for men in 1961.

2. Demonstrator in Pharmaceutical Subjects

Candidates should have a qualification of the Pharmaceutical Society or a Degree in Pharmacy and be desirous of continuing their studies. The successful candidate will be required to assist in the teaching of practical classes in Pharmaceutical Chemistry, Pharmacognosy or Physiology.

The salary will be £450 per annum.

The successful candidates for all the posts will be encouraged to undertake research work should they so desire. Good facilities for such work are available.

In each case the successful candidate will be required to commence duties as soon as possible.

Further particulars and Forms of Application may be obtained from the Registrar, The Technical College, Sunderland, co. Durham.

Applications should reach the undersigned within fourteen days of the appearance of this advertisement.

Canvassing will be a disqualification.

W. THOMPSON,
Director of Education.

Education Offices,
15 John Street,
Sunderland. C 9413

A MEDICAL REPRESENTATIVE

is required to contact doctors in an area comprising the heart of the Yorkshire district. The position calls for a man of outstanding ability and character who can work on his own initiative. The situation is congenial and we are looking for a person who will make his career with us. Remuneration will be above average and a car provided. Residence in Yorkshire, preferably in the Yorkshire area of Sheffield. Applications, which will be treated in the strictest confidence, should be addressed to the Sales Director, Geigy Pharmaceutical Co., Ltd., Rhodes, Manchester. C 9399

'UNISEC' *from the Single Unit to the Complete Pharmacy*
WRITE FOR YOUR COPY OF THE STANDARD REFERENCE OF PHARMACY FITTING
MYERS of OLD ST.
133/5 & 141/7 OLD STREET, LONDON, E.C.1

IMPORTANT

Box Office numbers are intended exclusively for specific answers to particular advertisements. Price Lists, Trade Circulars, Samples and Printed Matter cannot be forwarded.

Appointments—Continued

ST. PETER'S HOSPITAL, CHERTSEY, SURREY
404 Beds
Pharmacist

required. Salary £500—£700 p.a. according to experience. Whitley Council conditions. Accommodation available for single woman at £135 p.a. Applications stating age and experience with names of two referees to Hospital Secretary. C 9361

THE BETHLEM ROYAL HOSPITAL AND THE MAUDSLEY HOSPITAL
Senior Pharmacist

required at the Maudsley Hospital, Denmark Hill, S.E.5. The hospital is a Psychiatric Teaching Hospital associated with the Institute of Psychiatry in the University of London. Salary scale as agreed by the Pharmaceutical Whitley Council rising to a maximum of £805 a year including London Weighting. £25 a year for higher qualifications allowed. Apply giving details of qualifications, experience and names of two referees to K. J. Johnson, House Governor and Secretary, Maudsley Hospital, Denmark Hill, S.E.5. C 9370

THE BOARD OF GOVERNORS, THE HAMMERSMITH, WEST LONDON AND ST. MARK'S HOSPITALS
Chief Pharmacist

Applications invited for the post of Chief Pharmacist at the West London Hospital, Hammersmith Road, W.6 (Category IV). Salary scale £785-£1,100 per annum, plus London Weighting. Post vacant April 1, 1956. Possession of the F.P.S. would be an advantage. Age, qualifications, experience, names three referees to Secretary, Board of Governors, The Hammersmith, West London and St. Mark's Hospitals, Du Cane Road, London, W.12, by November 28. C 9378

THE LONDON HOSPITAL, WHITECHAPEL, E.1
Pharmacist

has vacancy for registered pharmacist. Salary £500 rising to £725 plus London Weighting according to previous experience and service. Dining room facilities available. Write Secretary. C 219

WILTSHIRE COUNTY COUNCIL
Deputy Chief Pharmacist

Applications invited from pharmacists for superannuable appointment of Deputy Chief Pharmacist at SWINDON HEALTH CENTRE. Salary £625 to £850. Thirty-nine-hour week. Applications, stating age, qualifications, experience and names and addresses of three referees to be sent to the undersigned as soon as possible.

P. A. SELBORNE STRINGER,
Clerk of the County Council.
County Hall,
Trowbridge. C 9404

WARRINGTON GENERAL HOSPITAL
Senior Pharmacist or Pharmacist

A Senior Pharmacist or Pharmacist is urgently required.
Scale of salary for a Pharmacist is £500 rising to £725. Senior Pharmacist £575 rising to £775. The post is interesting and offers scope for a Pharmacist with initiative and enthusiasm. The department caters for four other hospitals.
Applications giving details of experience, etc., together with names of two referees should be sent to :—

H. L. BOOT,
Group Secretary,
Warrington & District Hospital Management Committee,
c/o General Hospital,
Warrington. O/N7763.
C 9412

WEST LONDON HOSPITAL, HAMMERSMITH ROAD, W.6
Pharmacist

required. Salary scale £500—£725 per annum plus London Weighting. Additional £25 if holding higher qualification. Service in retail pharmacy, etc., taken into account in deciding commencing salary. Detailed applications to Secretary. C 9416

SITUATIONS VACANT
12/- for 36 words (min.) then 4d. per word
Box 2/-

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she, or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.

RETAIL (HOME)

ANNFIELD PLAIN Co-operative Society, Ltd. Wanted : Pharmacist (male or female) to manage branch shop at Langley Park. N.U.C.O. scale of wages. Present scale £16 7s. weekly. (Saturday half-day.) Rented house available. Applications stating age and experience to be sent to the General Manager, Annfield Plain Co-operative Society, Ltd., P.O. Box No. 2, Front Street, Annfield Plain, Stanley, County Durham. C 3093

BOOTS THE CHEMISTS have vacancies in a number of districts for pharmacists—male or female—salary according to age and experience. Engagements on a permanent basis, good prospects, generous holidays, eligibility for pension and life assurance, etc. Applications should be made to Retail Staff Department, Station Street, Nottingham, or alternatively through the nearest branch to the local Territorial General Manager stating age, experience and district preferred. C 9425

CHEMIST, SCOTLAND. Branch manager or managerss wanted for Burntisland. Modern, well-equipped shop with adequate supporting staff. Good salary will be paid with entry to superannuation scheme after initial period of service. Applications in writing stating age, experience and when available for interview to : Mr. G. M. Archibald, Technical Supervisor, S.C.W.S., Ltd., Retail Drug Dept., 187 Bogmoor Road, Shieldhall, Glasgow, S.W.1. C 3111

DISPENSER RECEPTIONIST required, firm of doctors, Midlands. Please state age, experience and salary required. Box C 3121.

DONCASTER CO-OPERATIVE CHEMISTS, LTD., require the services of Pharmacists (male or female) as branch managers 44-hour week; minimum annual salary £840; bonus, increments for sales increases. Rota duties are additional payments. Applications with usual particulars to the Superintendent Chemist, Doncaster Co-operative Chemists, Ltd., P.O. Box 20, Doncaster. C 199

LONDON, W.2. Branch manager pharmacist required for busy shop and good dispensing connection. Excellent opportunity for ambitious man to earn substantial salary and bonus. Good supporting staff and modern equipped dispensary, etc. Permanency with superannuation benefits. Accommodation can be provided if desired. Apply, giving details of previous experience and stating when available for interview to Box C 3107.

MANAGER required for pharmacy within twenty miles of London. Excellent prospects for suitable man. Apply stating age, experience and salary required to Box C 3110.

NORTH LONDON. Unqualified assistant required mainly for dispensing. Permanent and progressive position. Salary according to age and experience. Hours 9 a.m.—6 p.m. Three weeks holiday a year. Apply with details of previous experience to Messrs. A. R. Cross, Ltd., 4 The Broadway, Mill Hill, N.W.7, or telephone Mr. Sorkin, Telephone No. Mill Hill 1455. C 9420

NORTH LONDON, N.W.7. Unqualified assistant (lady or gentleman) required chiefly for dispensing for good-class pharmacy with modern and newly equipped dispensary. Congenial and progressive position. Normal hours. Salary according to age and experience. Apply with details of previous experience to Box C 9428.

PALMERS GREEN. Lady dispenser (Hall certificate) required for busy pharmacy. Apply John Harley, Ltd., 16 Alderman's Hill, London, N.13. C 3105

PHARMACIST required to manage village pharmacy in S. Wales. Flat available free. Salary £14 week. Apply, Idwal T. Williams, Chemist, Glynneath. C 3102

SUPERINTENDENT PHARMACIST
Permanent Position
N.U.C.O. Scale of Wages and Conditions
Annual Sales : £28,000

Applications to be made by letter giving the following particulars :—
Full name, address, age, experience and present place of employment.
Letters to be addressed to the Secretary, West Stanley Co-operative Society, Ltd. C 228

ORTHO PHARMACEUTICAL, LIMITED

is looking for a young chemist or pharmacist of high aims and intelligence to fill a position of increasing responsibility in pharmaceutical production. The man we are looking for will fit into a virile, rapidly advancing organisation and appreciate the exceptional opportunities offered to pursue a satisfying, secure and lucrative future as the rewards for his contributions to a successful group enterprise. Those of suitable background and qualifications to whom the terms of this advertisement appeal are cordially invited to communicate with the Director of Production, Ortho Pharmaceutical, Limited, High Wycombe, Buckinghamshire.

C 9408

SALES MANAGER

An important international Company manufacturing pharmaceutical products is enlarging its activities to cover consumer products in toiletries, cosmetics and pharmaceutical lines and is seeking a Sales Manager for this proposed division. Applicants must have considerable experience in the promotion of chemist lines, be fully conversant with modern merchandising techniques and be capable of developing and assessing the potential of new products. Only men of outstanding and proved ability will be considered; write in the first instance giving full details of experience, background, and salary required, to Box C 9427.

Situations Vacant—Continued

WELL-KNOWN FIRM of chemists' valuers have vacancy for stocktaker on permanent staff; mainly London area; previous stocktaking experience not essential; good prospects for keen and intelligent applicant. Please state brief details of career to date and commencing salary required. All replies treated in strict confidence. Box C 9300.

WEMBLEY. Pharmacist required to manage well-established branch in pleasant suburban area. Good salary and monthly bonus, plus payment for all rota duties. Adequate supporting staff. Family type business with good dispensing connection. Apply, giving details of previous experience and stating when available for interview to Box C 3106.

LOCUMS WANTED

RELIEF PHARMACISTS are required for an extended tour of duties in the London and suburban districts. Permanency at conclusion of tour if desired. Hours 9 a.m. to 6 p.m. Paid holiday. Salary and expenses basis. Apply to Chief Pharmacist, London Co-operative Chemists, Ltd., Grange Road, Leyton, E.10. C 3108

RETAIL (OVERSEAS)

TANGANYIKA : Qualified chemist, preferably single lady, for Dar es Salaam. Salary £1,000 p.a. Passage paid both ways. Please send particulars to East Africa Traders Corporation (London), Ltd., 232 Bishopsgate, E.C.2. C 3130

WHOLESALE

ALLIED LABORATORIES, LTD. Medical representative required for territory comprising South Yorkshire. A good knowledge of pharmacy is essential and applicant should live on and know the territory well. Experience desirable but not essential as the territory is well established and personal training given. Remuneration by salary, expenses and commission, and a pension scheme operates for permanent employees. Applications in strict confidence with full details to Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, W.1. C 9414

A PHARMACIST with a preference and aptitude for commercial work is required by an old-established firm of manufacturing and wholesale chemists (London area). The successful applicant will be required to familiarise himself with the firm's production and commercial activities with a view to appointment to an executive post of responsibility. An adequate initial salary will be paid and prospects of advancement will be excellent for a capable man. Write in confidence giving full particulars of experience (if any) and personal details to Box 4GC 3465, A.K. Advg., 212A Shaftesbury Ave., London, W.C.2. C 9421

CAMILATONE, LTD., makers of famous hair beauty products, require two part-time representatives on commission basis for (a) South London, Surrey, Kent, Sussex; and (b) Berkshire, Buckinghamshire, Oxfordshire, Bedfordshire, Hertfordshire, Northamptonshire and Eastern Counties, to take over all existing connections. Applications invited from successfully established representatives carrying one or two other chemist lines. Write to Sales Manager, Camilatone, Ltd., Edgware Road, London, N.W.9. C 3128

CHEMIST, 21–40, male or female, with B.Sc. or A.R.I.C., preferably with industrial experience, for analytical work in pharmaceutical laboratory. 5-day week. Staff canteen. Non-contributory pension scheme. Apply in writing to Personnel Manager, John Wyeth & Bro., Ltd., 12 Chenies St., W.C.1. C 9422

ILFORD LIMITED

require a manager to take charge of their Medical Sales Department. Applicants must have had experience in control of sales organisation and of salesmen, preferably with connections in the medical profession. Age 35/40. Salary according to qualifications. Please reply to Personnel Officer, Ilford Limited, Ilford, Essex. All applications will be treated in confidence. C 9409

LANCASHIRE WHOLESALERS have managerial vacancy for pharmacist on sales side. Commencing salary £1,000 p.a. Five-day week. Pension scheme. Full particulars in confidence to Box C 9405.

MACARTHYS OF ROMFORD have a vacancy for a stockroom assistant (male), aged 25-35, to take charge of the drug and sundry bays in their warehouse. Applicants should have had experience in a similar position or in retail dispensary. This post is pensionable wth good prospects. Write: Macarthys (Wholesale Chemists), Ltd., Seymer Road, Romford. C 3123

REPRESENTATIVES or sole agents required in several areas for expansion of well-known proprietary, non-competitive and non-seasonal, with exceptional potentialities. Salesmen prepared to devote time and energy are assured of progressive turnover and permanent repeats. Liberal commission on all business. Fullest confidential details in first instance including age, experience, territory, car owner, etc. Box C 3120.

SALES REPRESENTATIVES required to call on chemists in the North-west London area. Nationally known company. Men with experience of the pharmaceutical trade preferred but representatives with adequate sales training will be considered. Good appearance essential. Age 25-35. Good salary. Expenses. Car provided. Superannuation scheme. Write in confidence to Box C 9415.

SMITH & NEPHEW, LTD., invite applications from men with medical or pharmaceutical background, between 25 and 35 years of age, for position as assistant to the medical and technical information officer at their head office in Welwyn Garden City. Superannuation scheme in operation and a 5-day week. Salary will be according to qualifications and experience. Applications should be made in writing to the Personnel Manager, Smith & Nephew, Ltd., Bessemer Road, Welwyn Garden City, Herts. C 9358

STAFFORD ALLEN & SONS, LTD., require a technical representative for the food and manufacturing industries. The position offers scope for advancement and interesting opportunities for direct top level liaison, on development work, between customers and head office. This is an important appointment carrying a commensurate salary. Write stating age, qualifications and experience to the Managing Director, 20/42 Wharf Road, London, N.1. C 9423

TWO JUNIOR SALES REPRESENTATIVES for London and Home Counties required by established manufacturers of surgical scalpels, etc. Salary and expenses. Give all details and if car owner. Box C 3129.

WHOLESALE (OVERSEAS)

A WELL-KNOWN ETHICAL HOUSE invite applications for a post on their overseas sales staff. At present time the position is that of controller of sales in Belgium but it is envisaged that the sphere of activity will extend to neighbouring markets leading ultimately to control of the company's sales in a major part of Europe. Fluency in French is essential and a good knowledge of Flemish and other European languages is desirable. While a pharmaceutical qualification would be a distinct advantage, it is not essential provided the applicant has considerable experience of detailing ethical products to the medical profession. A good salary, on Belgian standards, will be paid, together with full expenses. Car provided. Pension and profit participation schemes in operation. Write with full details to Box C 9411.

AGENTS WANTED

17/6 for 36 words (min.) then 4d. per word Box 2/-

MANUFACTURERS of pharmaceutical tablets wish to appoint a commission agent for the Midlands. Small existing connection. The position should suit someone who is already calling on retail pharmacists and wishes to carry an additional line. Apply Box C 9401.

SALES ORGANISER. Sales representatives. Well-known cosmetic line. Only first-class men with good connections and experience to apply. Box C 3119.

SITUATIONS WANTED

3/- for 18 words (min.) then 2d. per word. Box 1/-

RETAIL (HOME)

ACCOUNTANT, tax expert, undertakes preparation of final accounts for taxation. Wordsworth 1427. C 3024

WHOLESALE

DUBLIN PHARMACIST (aged 40) with considerable previous experience in medical propaganda and sales, would accept a part-time representative position for Dublin and district with any reputable film considering expansion to Ireland. Own car provided and would also act as general distributing agent and stockist if necessary. Highest credentials. Box C 3022.

MEDICAL REPRESENTATIVE, age 27, four years' experience in promoting pharmaceutical products in Malaya and Indonesia, two years' study in medical college, full command of the Dutch, English, Chinese and Indonesian languages, seeks position with prospects. Willing to work anywhere. Write Deby, 28 Djalan Jjiwangi, Sukabumi, Indonesia. C 3118

Situations Wanted—Continued

MEDICAL REPRESENTATIVE (35), twelve years' experience, requires post with ethical house. Fully conversant with anatomy and physiology. Connections North of England. Box C 3126.

M.P.S.I., middle-aged, very active, now resident in England, seeks position preferably in wholesale or manufacturing house but anything considered. Box C 3127.

REPRESENTATIVE, 25 years' connection over South Wales, Somerset, and Gloucestershire, available to house of repute, or would consider good agencies. Good retail experience prior to representation. Resident near Bristol. Box C 3069.

REPRESENTATIVE (50), over 20 years' experience, exemplary character, good appearance, excellent sales record, seeks well paid appointment with firm of good standing. London and/or South-eastern Counties. Box C 3116.

SALES MANAGER, fully experienced, with wide personal connection leading chemists and stores, also American buying houses, desires change in new year. Highest credentials. Box C 3112.

BUSINESS OPPORTUNITIES

17/6 for 36 words (min.) then 4d. per word Box 2/-

AVAILABLE £1,000,000
An important financial trust
has available over £1,000,000 for the purchase of successful Businesses. Any Trade considered. Management can remain. This offers Owners of Private Businesses an opportunity for making forward provision for Death Duties.
REGINALD TERRELL,
BUSINESS BROKERS, Limited,
46 St. James's Place, London, S.W.1
(Hyd. 1678)
C 9328

EXPORTS TO SOUTH AND CENTRAL AMERICA. Manufacturers are offered unique direct sales service to gain valuable Latin-American markets; our service cuts expense and delay and brings immediate prospects of progressive sales connection on basis of manufacturer to retailer arrangement. Full sample displays carried to all Republics and demonstrated in all parts by efficient staff. Full details of these facilities obtainable from Box M/809, Strand House, London, W.C.2. C 9426

MANUFACTURERS with no export department or facilities wishing to sell their specialities in overseas markets are invited to contact us. Fifty years' connections and an experienced staff are at your disposal. Only first-class products from principals. Box C 9400.

MANUFACTURING CHEMISTS invite inquiries for the manufacture, packing, etc., of private formulæ preparations, liquids, powders, tablets. Dispatch facilities available with own printing department. Frank Macowal & Yanatas, Ltd., Willshaw St., London, S.E.14. Tel.: Tideway 3846-8. C 122

SURGICAL ADHESIVE PLASTER MANUFACTURERS require contracts for coating, dressing and cutting. All types manufactured. Customers' own cloth or waterproof processed. Packaging facilities available. Principals would consider firm with sales and distribution facilities to take over sales. Write 1401, Wm. Porteous & Co., Glasgow. C 9304

TABLETS
capacity available from own material for 25 million a year. COATED. Production delivery date GUARANTEED. Box C 3115.

WANTED

17/6 for 36 words (min.) then 4d. per word Box 2/-

ALL KINDS OF BOTTLES, JARS, SCREW CAPS, cartons, packaging materials and manufacturers' stocks of all kinds bought at fair price for spot cash. We are buyers of merchandise of EVERY DESCRIPTION. Clearance Stocks, Discontinued lines, Surplus and Redundant Stocks. Should you have anything for disposal, please send us samples and particulars. Reliance Trading Co., 13 New College Parade, Finchley Road, N.W.3. C 153

POLYSTYRENE SCRAP or virgin material, polythene and cellulose acetate in any shape or form. Apply Box C 9429.

WANTED. Stocks of Polystyrene. Apply Box C 9410.

WANTED, a hand-operated filling machine (tubes); also tube closing and folding machine. Send full particulars and price expected to Box C 3114.

WE WILL PURCHASE for cash a complete stock, a redundant line, including finished or partly finished goods, packing raw materials, etc. No quantity too large. Our representative will call anywhere. Write or telephone:—Lawrence Edwards & Co., Ltd., 6/7 Wellington Close, Ledbury Road, London, W.11. Tel.: Bayswater 4020, 7692. C 140

MISCELLANEOUS SALES

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